

To:

Mr. Rodney Aoki
Department of Motor Vehicles
Occupational Licensing

Enclosed is WeRide's first report on autonomous vehicle disengagements, which covers the reporting period from June 18, 2017 through November 30, 2018. During this reporting period, WeRide started testing in our Sunnyvale office parking lot and swiftly expanded to complex road conditions such as rush hour traffic and driving in the rain.

WeRide has five vehicles are licensed for autonomous testing and even with such a modest fleet we have achieved these noteworthy milestones:

- Drove a total of 19067 autonomous miles with 1570 of those miles driven within the first three months of receiving the permit and growing to 4200 miles in the last three months of the reporting period.
- There was a total of 251 reportable disengagements (please see description below).
- MPI (miles per intervention) dramatically improved from 3 in June 2017 to over 600 in November 2018.
- One of first two companies to apply for the DMV's driverless testing permit, which we expect to obtain early next year.
- Safety is WeRide's first priority and our testing did not result in any major incidents.

In 2019, WeRide looks forward to expanding the testing area even further to cover even more road conditions and scenarios as well as making our technology even more capable in order to accelerate progress towards realizing a safe and truly driverless autonomous vehicle.

Sincerely,

Yan Li

WeRide Chief Technology Officer

Date: 12/26/2018







#### <u>Irregularity in control</u>

The control system is the software that resides closest to the hardware that initiates control of the vehicle brake, steering, throttle, gear shift, turn signal, etc.

#### Example disengagements:

- Vehicle acceleration or braking is too sudden.
- Vehicle over-turned or under-turned during a driving maneuver.

#### Irregularity in the system

System refers to the AV middleware and auxiliary software components that are responsible for logging, monitoring, and coordinating data transfers between other subsystems (e.g. control, perception, etc.)

#### Example disengagements:

- Subsystems have irregular or unsynchronized data flows.
- Subsystem state or performance is suboptimal or unsafe.

#### Discrepancy in perception

The perception system enables the AV to sense other road agents and objects in the driving environment. Shortcomings in perception arise due to the system not detecting an object, detecting an object but classifying it inaccurately, or late detection.

#### Example disengagements:

- Detected a bicyclist but classified it as a pedestrian resulting in unsafe behavior.
- Late detection of a traffic light due to lighting conditions or algorithm insufficiency.

#### Discrepancy in planning

The planning system decides and calculates the trajectory that the AV should take to handle obstacles or driving scenarios.

#### Example disengagements:

- Improper braking or acceleration during a right turn on red.
- Unable to promptly or safely nudge past an obstacle or agent on the side of the road.









This report and attached document list the reportable disengagements, which are disengagements that occurred on California public roads where the test driver was not anticipating a deviation from expected AV system behavior. Disengagements related to AV system behavior where the test driver was previously made aware of or disengagements related to operation tasks (e.g. end of test run) are not included in this report.

Date	Autonomous Miles	Reportable Disengagements
June 2017	43	8
July 2017	418	39
August 2017	1109	63
September 2017	623	20
October 2017	497	15
November 2017	702	17
December 2017	418	14
January 2018	930	11
February 2018	929	8
March 2018	1294	13
April 2018	853	6
May 2018	1699	8
June 2018	1730	12
July 2018	1879	7
August 2018	1743	3
September 2018	1657	0
October 2018	1337	5
November 2018	1206	2

Description of facts for each reportable disengagement are divided among five categories:

#### <u>Irregularity in hardware</u>

The hardware system is comprised of the vehicle, computing unit, sensors, wiring, fasteners, etc., essentially everything that is not software related.

#### Example disengagements:

- Camera angle or insufficient calibration resulting in erroneous or delayed traffic light detection.
- Mechanical failure of a sensor due to wear and tear.







WERIDE CO			CITY	QT/	ATE	AVT034 ZIP CODE	TELEPHONE NUMBER
330 GIBRAL			SUNNYVALE	CA		94089	( 408 )645-7118
SECTION 2	. — DISENGAGEMENT E	VENT DETAIL Use	one row for each diseng	agement event.			
DATE	VIN NUMBER	DISENGAGEMENT INITIATED BY (AV System, Test Driver, Remote Operator, or Passenger)	DISENGAGEMENT LOCATION (Interstate, Freeway, Highway, Rural Road, Street, or Parking Facility)	DESCRIPTION	N OF FAC	TS CAUSING DISE	NGAGEMENT *
0/04/0047	3LN6L5LU3HR640854	TEST DRIVER		IRREGULARITY IN HARD	WARE	8	
6/24/2017	VEHICLE IS CAPABLE OF OPERATING WITHOUT A DRIVER ☐ YES ✓ NO	DRIVER PRESENT  YES NO	STREET				
0/04/0047	3LN6L5LU3HR640854	AV SYSTEM		IRREGULARITY IN AV SY	YSTEM		
6/24/2017	VEHICLE IS CAPABLE OF OPERATING WITHOUT A DRIVER ☐ YES ☑ NO	DRIVER PRESENT  YES NO	STREET				
6/26/2017 VEHICLE IS	3LN6L5LU3HR640854	TEST DRIVER	STREET	DISCREPANCY IN PERC	EPTION	١	
	VEHICLE IS CAPABLE OF OPERATING WITHOUT A DRIVER ☐ YES ✓ NO	DRIVER PRESENT  YES NO					
0/00/0047	3LN6L5LU3HR640854	TEST DRIVER	1	IRREGULARITY IN HARD	WARE		
6/26/2017	VEHICLE IS CAPABLE OF OPERATING WITHOUT A DRIVER ☐ YES ☑ NO	DRIVER PRESENT  YES NO	STREET				
0/07/0047	3LN6L5LU3HR640854	TEST DRIVER	1	DISCREPANCY IN PERC	EPTION	N	
6/27/2017	VEHICLE IS CAPABLE OF OPERATING WITHOUT A DRIVER ☐ YES ✓ NO	DRIVER PRESENT  YES NO	STREET				
6/07/0017	3LN6L5LU3HR640854	TEST DRIVER	1	IRREGULARITY IN CONT	rol		L.
6/27/2017	VEHICLE IS CAPABLE OF OPERATING WITHOUT A DRIVER ☐ YES ☑ NO	DRIVER PRESENT  YES NO	STREET				
0/00/0017	3LN6L5LU3HR640854	TEST DRIVER	1	IRREGULARITY IN CONT	rol		
	VEHICLE IS CAPABLE OF OPERATING WITHOUT A DRIVER ☐ YES ☑ NO	DRIVER PRESENT  ✓ YES □ NO	STREET				
	3LN6L5LU3HR640854	TEST DRIVER		DISCREPANCY IN PLANI	NING		
6/28/2017	VEHICLE IS CAPABLE OF OPERATING WITHOUT A DRIVER ☐ YES ✔ NO	DRIVER PRESENT  ✓ YES □ NO	STREET				

<sup>\*</sup> Additional information regarding the causes of the disengagement may be submitted as an attachment. If an attachment is provided, indicate the specific attachment number for the disengagement event.



NAME OF MANU WERIDE C	FACTURER ORP				AVT NUMBER AVT034	
BUSINESS MAIL 330 GIBRA	ING ADDRESS LTAR DR		CITY SUNNYVALE	STATE CA	ZIP CODE 94089	( 408 ) 645-7118
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DATE	VIN NUMBER	DISENGAGEMENT INITIATED BY (AV System, Test Driver, Remote Operator, or Passenger)	DISENGAGEMENT LOCATION (Interstate, Freeway, Highway, Rural Road, Street, or Parking Facility)	DESCRIPTION OF FA	CTS CAUSING DISE	NGAGEMENT *
7/1/17	3LN6L5LU3HR640854	TEST DRIVER	CADECA	DISCREPANCY IN PERCEPTION	1	
//1/1/	VEHICLE IS CAPABLE OF OPERATING WITHOUT A DRIVER ☐ YES ✔ NO	DRIVER PRESENT  ✓ YES □ NO	STREET			
7/1/17	3LN6L5LU3HR640854	TEST DRIVER	CADECA	IRREGULARITY IN CONTROL		
V	VEHICLE IS CAPABLE OF OPERATING WITHOUT A DRIVER ☐ YES ✔ NO	DRIVER PRESENT	STREET			
7/2/17	3LN6L5LU3HR640854	TEST DRIVER	COMP DESCRI	DISCREPANCY IN PERCEPTION	1	
	VEHICLE IS CAPABLE OF OPERATING WITHOUT A DRIVER YES V NO	DRIVER PRESENT  ✓ YES □ NO	STREET			
7/3/17	3LN6L5LU3HR640854	AV SYSTEM	CEDEDA	IRREGULARITY IN AV SYSTEM	1	
113111	VEHICLE IS CAPABLE OF OPERATING WITHOUT A DRIVER ☐ YES ✔ NO	DRIVER PRESENT  ✓ YES □ NO	STREET			
7/3/17	3LN6L5LU3HR640854	TEST DRIVER	CORD DECE	DISCREPANCY IN PERCEPTION	I and the second	
1/3/17	VEHICLE IS CAPABLE OF OPERATING WITHOUT A DRIVER ☐ YES ☑ NO	DRIVER PRESENT  ✓ YES □ NO	STREET			
7/5/17	3LN6L5LU3HR640854	TEST DRIVER	CAD DEA	DISCREPANCY IN PLANNING		
113111	VEHICLE IS CAPABLE OF OPERATING WITHOUT A DRIVER ☐ YES ✔ NO	DRIVER PRESENT  ✓ YES □ NO	STREET			
7/5/17	3LN6L5LU3HR640854	TEST DRIVER	CMD CECT	DISCREPANCY IN PLANNING		
7/5/17	VEHICLE IS CAPABLE OF OPERATING WITHOUT A DRIVER ☐ YES ✔ NO	DRIVER PRESENT  ✓ YES □ NO	STREET			
7/5/17	3LN6L5LU3HR640854	TEST DRIVER	CTDEET	IRREGULARITY IN CONTROL		
113111	VEHICLE IS CAPABLE OF OPERATING WITHOUT A DRIVER ☐ YES ✓ NO	DRIVER PRESENT	STREET			

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7/6/17	3LN6L5LU3HR640854	TEST DRIVER	CMD FFT	IRREGULARITY IN CO	NTROL			
7/6/17	VEHICLE IS CAPABLE OF OPERATING WITHOUT A DRIVER YES V NO	DRIVER PRESENT  ✓ YES □ NO	STREET					
7/7/17	3LN6L5LU3HR640854	TEST DRIVER	STREET	IRREGULARITY IN CO	NTROL			
////17	VEHICLE IS CAPABLE OF OPERATING WITHOUT A DRIVER ☐ YES ✔ NO	DRIVER PRESENT  ✓ YES ☐ NO	SIREEI					
7/7/17 3	3LN6L5LU3HR640854	AV SYSTEM	STREET	IRREGULARITY IN AV	SYSTEM			
	VEHICLE IS CAPABLE OF OPERATING WITHOUT A DRIVER YES V NO	DRIVER PRESENT  ☑ YES ☐ NO	SIREEI					
7/7/17	3LN6L5LU3HR640854	TEST DRIVER	CTREET	DISCREPANCY IN PLA	NNING			
////1/	VEHICLE IS CAPABLE OF OPERATING WITHOUT A DRIVER ☐ YES ✔ NO	DRIVER PRESENT  ✓ YES □ NO	STREET					
7/0/17	3LN6L5LU3HR640854	TEST DRIVER	CMD TIPM	DISCREPANCY IN PERC	CEPTION			
7/8/17	VEHICLE IS CAPABLE OF OPERATING WITHOUT A DRIVER ☐ YES ✓ NO	DRIVER PRESENT  ☑ YES ☐ NO	STREET					
7/9/17	3LN6L5LU3HR640854	TEST DRIVER	STREET	DISCREPANCY IN PERO	CEPTION			
119111	VEHICLE IS CAPABLE OF OPERATING WITHOUT A DRIVER ☐ YES ✓ NO	DRIVER PRESENT  ✓ YES □ NO	SIREEI					
7/10/17	3LN6L5LU3HR640854	AV SYSTEM	CTDEET	IRREGULARITY IN AV	SYSTEM		· · · · · · · · · · · · · · · · · · ·	
7/10/17	VEHICLE IS CAPABLE OF OPERATING WITHOUT A DRIVER ☐ YES ✓ NO	DRIVER PRESENT  ☑ YES ☐ NO	STREET					
7/10/17	3LN6L5LU3HR640854	TEST DRIVER	CADELA	DISCREPANCY IN PLA	NNING			
//10/1/	VEHICLE IS CAPABLE OF OPERATING WITHOUT A DRIVER ☐ YES ✔ NO	DRIVER PRESENT  ✓ YES □ NO	STREET					

<sup>\*</sup> Additional information regarding the causes of the disengagement may be submitted as an attachment. If an attachment is provided, indicate the specific attachment number for the disengagement event.



SECTION	1 — MANUFACTURER INI	FORMATION						
NAME OF MANU WERIDE C	facturer ORP					AVT NUMBER AVT034		
BUSINESS MAIL 330 GIBRA	ing address LTAR DR		SUNNYVALE	ć	STATE CA	ZIP CODE 94089	( 408 ) 645-7118	
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DATE	VIN NUMBER	DISENGAGEMENT INITIATED BY (AV System, Test Driver, Remote Operator, or Passenger)	DISENGAGEMENT LOCATION (Interstate, Freeway, Highway, Rural Road, Street, or Parking Facility)	DESCRIPTI	ON OF FAC	TS CAUSING DISE	NGAGEMENT *	
7/11/17	3LN6L5LU3HR640854	TEST DRIVER	CONDECT	IRREGULARITY IN HAI	RDWARE			
//11/17	VEHICLE IS CAPABLE OF OPERATING WITHOUT A DRIVER YES V NO	DRIVER PRESENT  ✓ YES □ NO	STREET					
7/11/17	3LN6L5LU3HR640854	TEST DRIVER	- STREET	IRREGULARITY IN CO	NTROL			
V	VEHICLE IS CAPABLE OF OPERATING WITHOUT A DRIVER YES V NO	DRIVER PRESENT  ✓ YES □ NO						
7/11/17	3LN6L5LU3HR640854	TEST DRIVER	CEDERA	DISCREPANCY IN PERC	CEPTION			
//11/17	VEHICLE IS CAPABLE OF OPERATING WITHOUT A DRIVER YES V NO	DRIVER PRESENT  ☑ YES ☐ NO	STREET					
7/11/17	3LN6L5LU3HR640854	TEST DRIVER	STREET	DISCREPANCY IN PLAN	NNING			
7/11/17	VEHICLE IS CAPABLE OF OPERATING WITHOUT A DRIVER ☐ YES ✓ NO	DRIVER PRESENT  YES NO	SIREEI					
7/12/17	3LN6L5LU3HR640854	TEST DRIVER	CEDER	IRREGULARITY IN CO	NTROL			
7/12/17	VEHICLE IS CAPABLE OF OPERATING WITHOUT A DRIVER YES V NO	DRIVER PRESENT  ✓ YES □ NO	STREET					
7/13/17	3LN6L5LU3HR640854	TEST DRIVER	CTDEET	IRREGULARITY IN COM	NTROL			
7/13/17	VEHICLE IS CAPABLE OF OPERATING WITHOUT A DRIVER YES V NO	DRIVER PRESENT  ✓ YES □ NO	STREET					
7/13/17	3LN6L5LU3HR640854	TEST DRIVER	CTDEET	DISCREPANCY IN PLAN	NING			
1113/11	VEHICLE IS CAPABLE OF OPERATING WITHOUT A DRIVER YES V NO	DRIVER PRESENT  ✓ YES □ NO	STREET					
7/14/17	3LN6L5LU3HR640854	AV SYSTEM	CTDEET	IRREGULARITY IN AV	SYSTEM			
//14/1/	VEHICLE IS CAPABLE OF OPERATING WITHOUT A DRIVER ☐ YES ✔ NO	DRIVER PRESENT  ✓ YES ☐ NO	STREET					

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7/15/17	3LN6L5LU3HR640854	TEST DRIVER	STREET	DISCREPANCY IN PERCEPT	ION	
//15/1/	VEHICLE IS CAPABLE OF OPERATING WITHOUT A DRIVER ☐ YES ✔ NO					
7/16/17	3LN6L5LU3HR640854	TEST DRIVER	STREET	DISCREPANCY IN PERCEPT	ION	
//10/1/	VEHICLE IS CAPABLE OF OPERATING WITHOUT A DRIVER ☐ YES ✔ NO		SIREEI			
7/17/17	3LN6L5LU3HR640854	TEST DRIVER	STREET	DISCREPANCY IN PERCEPT	ION	
7/17/17	VEHICLE IS CAPABLE OF OPERATING WITHOUT A DRIVER ☐ YES ☑ NO		SIREEI			
7/17/17	3LN6L5LU3HR640854	TEST DRIVER	COMP PART	DISCREPANCY IN PLANNIN	G	
//1//1/	VEHICLE IS CAPABLE OF OPERATING WITHOUT A DRIVER ☐ YES ☑ NO		STREET			
7/18/17	3LN6L5LU3HR640854	TEST DRIVER	CONDENS	IRREGULARITY IN CONTRO	)L	
//10/1/	VEHICLE IS CAPABLE OF OPERATING WITHOUT A DRIVER ☐ YES ☑ NO		STREET			
7/19/17	3LN6L5LU3HR640854	TEST DRIVER	STREET	IRREGULARITY IN HARDW	ARE	
//19/1/	VEHICLE IS CAPABLE OF OPERATING WITHOUT A DRIVER ☐ YES ✔ NO		SIREEI			
7/20/17	3LN6L5LU3HR640854	TEST DRIVER	STREET	IRREGULARITY IN CONTRO	DL	
VEHICLE IS CAPABLE OF OPERATING WITHOUT A DRIVER YES NO		SIREEI				
7/21/17	3LN6L5LU3HR640854	TEST DRIVER	CTDEFT	IRREGULARITY IN CONTRO	DL	
1121/11	VEHICLE IS CAPABLE OF OPERATING WITHOUT A DRIVER ☐ YES ☑ NO	DRIVER PRESENT  YES NO	STREET			

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DATE	VIN NUMBER	DISENGAGEMENT INITIATED BY (AV System, Test Driver, Remote Operator, or Passenger)	DISENGAGEMENT LOCATION (Interstate, Freeway, Highway, Rural Road, Street, or Parking Facility)	DESCRIPTION OF	FACTS CAUSING DIS	SENGAGEMENT *	
7/24/17	3LN6L5LU3HR640854	TEST DRIVER	CADECA	IRREGULARITY IN CONTROL			
1124/11	VEHICLE IS CAPABLE OF OPERATING WITHOUT A DRIVER YES NO	DRIVER PRESENT  ✓ YES □ NO	STREET				
7/25/17	3LN6L5LU3HR640854	AV SYSTEM	STREET	IRREGULARITY IN AV SYSTE	EM		
,	VEHICLE IS CAPABLE OF OPERATING WITHOUT A DRIVER YES NO	DRIVER PRESENT  ✓ YES □ NO	SIREEI				
7/25/17	3LN6L5LU3HR640854	TEST DRIVER	CMD FEET	DISCREPANCY IN PLANNING	}		
	VEHICLE IS CAPABLE OF OPERATING WITHOUT A DRIVER YES V NO	DRIVER PRESENT  ☑ YES ☐ NO	STREET				
7/27/17	3LN6L5LU3HR640854	TEST DRIVER	OCENT FORM	DISCREPANCY IN PERCEPTION	ON		
1121111	VEHICLE IS CAPABLE OF OPERATING WITHOUT A DRIVER ☐ YES ☑ NO	DRIVER PRESENT  ✓ YES □ NO	STREET				
7/28/17	3LN6L5LU3HR640854	TEST DRIVER	CAD LIVE	DISCREPANCY IN PLANNING	j		
7/20/17	VEHICLE IS CAPABLE OF OPERATING WITHOUT A DRIVER YES V NO	DRIVER PRESENT  ✓ YES □ NO	STREET				
7/30/17	3LN6L5LU3HR640854	TEST DRIVER	CTDEET	DISCREPANCY IN PLANNING	ì		
7730/17	VEHICLE IS CAPABLE OF OPERATING WITHOUT A DRIVER YES V NO	DRIVER PRESENT  ✓ YES □ NO	STREET				
7/30/17	3LN6L5LU3HR640854	TEST DRIVER	CTREET	DISCREPANCY IN PERCEPTION	N		
7/30/17	VEHICLE IS CAPABLE OF OPERATING WITHOUT A DRIVER YES V NO	DRIVER PRESENT  ✓ YES □ NO	STREET				
	VEHICLE IS CAPABLE OF OPERATING WITHOUT A DRIVER ☐ YES ✔ NO	DRIVER PRESENT  VES NO					

<sup>\*</sup> Additional information regarding the causes of the disengagement may be submitted as an attachment. If an attachment is provided, indicate the specific attachment number for the disengagement event.



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DATE	VIN NUMBER	DISENGAGEMENT INITIATED BY (AV System, Test Driver, Remote Operator, or Passenger)	DISENGAGEMENT LOCATION (Interstate, Freeway, Highway, Rural Road, Street, or Parking Facility)	DESCRIPTION OF	FACTS CAUSING DISE	NGAGEMENT *	
8/1/17	3LN6L5LU3HR640854	TEST DRIVER	CORDECTO	IRREGULARITY IN CONTRO	)L		
8/1/1/	VEHICLE IS CAPABLE OF OPERATING WITHOUT A DRIVER YES V NO	DRIVER PRESENT  ✓ YES □ NO	STREET				
8/1/17	3LN6L5LU3HR640854	TEST DRIVER	STREET	DISCREPANCY IN PERCEPT	ION		
6/1/1/	VEHICLE IS CAPABLE OF OPERATING WITHOUT A DRIVER ☐ YES ✓ NO		SIREEI				
8/1/17	3LN6L5LU3HR640854	TEST DRIVER	CTREET	DISCREPANCY IN PERCEPT	ION		
8/1/17	VEHICLE IS CAPABLE OF OPERATING WITHOUT A DRIVER ☐ YES ✓ NO	DRIVER PRESENT  YES NO	STREET				
8/2/17	3LN6L5LU3HR640854	AV SYSTEM	STREET	IRREGULARITY IN AV SYST	EM		
6/2/17	VEHICLE IS CAPABLE OF OPERATING WITHOUT A DRIVER ☐ YES ✔ NO	DRIVER PRESENT  ✓ YES NO	SIREEI				
8/2/17	3LN6L5LU3HR640854	AC SYSTEM	STREET	IRREGULARITY IN AV SYST	EM		
0/2/17	VEHICLE IS CAPABLE OF OPERATING WITHOUT A DRIVER YES VO	DRIVER PRESENT  ✓ YES □ NO	SIREEI				
8/2/17	3LN6L5LU3HR640854	TEST DRIVER	STREET	IRREGULARITY IN CONTRO	DL		
	VEHICLE IS CAPABLE OF OPERATING WITHOUT A DRIVER YES VO	DRIVER PRESENT  YES NO	SIREEI				
8/2/17	3LN6L5LU1HR638729 TEST DRIVER		STREET	IRREGULARITY IN CONTRO	)L		
VEHICLE IS CAPABLE OF OPERATING DRIVER PRESENT WITHOUT A DRIVER YES NO YES NO		STREET					
8/3/17	3LN6L5LU1HR638729	TEST DRIVER	STREET	IRREGULARITY IN HARDWA	ARE		
5.5111	VEHICLE IS CAPABLE OF OPERATING WITHOUT A DRIVER YES VO	DRIVER PRESENT  YES NO					

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8/3/17	3LN6L5LU3HR640854	TEST DRIVER	STREET	DISCREPANCY IN P	ERCEPTION		
6/3/17	VEHICLE IS CAPABLE OF OPERATING WITHOUT A DRIVER ☐ YES ☑ NO	DRIVER PRESENT  ✓ YES □ NO	STREET				
8/3/17	3LN6L5LU1HR638729	TEST DRIVER	CTDEET	DISCREPANCY IN P	LANNING		
V	VEHICLE IS CAPABLE OF OPERATING WITHOUT A DRIVER ☐ YES ✔ NO	DRIVER PRESENT  ✓ YES □ NO	STREET				
8/4/17	3LN6L5LU3HR640854	TEST DRIVER	STREET	IRREGULARITY IN	CONTROL		19
0/4/1/	VEHICLE IS CAPABLE OF OPERATING WITHOUT A DRIVER ☐ YES ☑ NO	DRIVER PRESENT  ✓ YES □ NO					
8/4/17	3LN6L5LU3HR640854	TEST DRIVER	STREET	DISCREPANCY IN P	ERCEPTION		
0/4/17	VEHICLE IS CAPABLE OF OPERATING WITHOUT A DRIVER ☐ YES ✔ NO	DRIVER PRESENT  ✓ YES □ NO	SIREEI				
8/4/17	3LN6L5LU1HR638729	TEST DRIVER	COMP TOTAL	DISCREPANCY IN P	ERCEPTION		
8/4/17	VEHICLE IS CAPABLE OF OPERATING WITHOUT A DRIVER ☐ YES ☑ NO	DRIVER PRESENT  ✓ YES □ NO	STREET				
8/4/17	3LN6L5LU1HR638729	TEST DRIVER	CAD CEA	IRREGULARITY IN	CONTROL		
0/4/1/	VEHICLE IS CAPABLE OF OPERATING WITHOUT A DRIVER YES V NO	DRIVER PRESENT  ✓ YES □ NO	STREET				
8/5/17	3LN6L5LU3HR640854	TEST DRIVER	CTDEET	IRREGULARITY IN	CONTROL		
0/3/1/	VEHICLE IS CAPABLE OF OPERATING WITHOUT A DRIVER ☐ YES ☑ NO	DRIVER PRESENT  ✓ YES □ NO	STREET				
8/7/17	3LN6L5LU3HR640854	TEST DRIVER	STREET	IRREGULARITY IN	HARDWARE	3	
S, 11 1 1	VEHICLE IS CAPABLE OF OPERATING WITHOUT A DRIVER ☐ YES ✔ NO	DRIVER PRESENT  ✓ YES □ NO	SINCEI				

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8/7/17	3LN6L5LU3HR640854	TEST DRIVER	CMD DETA	IRREGULARITY IN HARD	WARE		
8/ //1 /	VEHICLE IS CAPABLE OF OPERATING WITHOUT A DRIVER YES V NO	DRIVER PRESENT  ✓ YES □ NO	STREET				
8/7/17	3LN6L5LU1HR638729	TEST DRIVER	- STREET	DISCREPANCY IN PLANN	ING		
v	VEHICLE IS CAPABLE OF OPERATING WITHOUT A DRIVER YES NO	DRIVER PRESENT  ✓ YES □ NO					
8/7/17	3LN6L5LU1HR638729	TEST DRIVER	CMD FFE	DISCREPANCY IN PERCEP	TION		
	VEHICLE IS CAPABLE OF OPERATING WITHOUT A DRIVER YES V NO	DRIVER PRESENT  ✓ YES □ NO	STREET				
8/8/17	3LN6L5LU3HR640854	TEST DRIVER	CEDER	IRREGULARITY IN HARD	WARE		
0/0/1/	VEHICLE IS CAPABLE OF OPERATING WITHOUT A DRIVER YES NO	DRIVER PRESENT  YES NO	STREET				
8/9/17	3LN6L5LU3HR640854	TEST DRIVER	CMDEEM	IRREGULARITY IN CONTI	ROL		
8/9/1/	VEHICLE IS CAPABLE OF OPERATING WITHOUT A DRIVER ☐ YES ✓ NO	DRIVER PRESENT  ✓ YES □ NO	STREET				
8/9/17	3LN6L5LU3HR640854	TEST DRIVER	CTDEET	IRREGULARITY IN CONTI	ROL		
0/9/1/	VEHICLE IS CAPABLE OF OPERATING WITHOUT A DRIVER ☐ YES ✓ NO	DRIVER PRESENT  ✓ YES □ NO	STREET				
2/0/17	3LN6L5LU1HR638729	TEST DRIVER	CTDEET	DISCREPANCY IN PLANN	ING		
8/9/17	VEHICLE IS CAPABLE OF OPERATING WITHOUT A DRIVER YES V NO	DRIVER PRESENT  ✓ YES □ NO	STREET				
8/10/17	3LN6L5LU3HR640854	TEST DRIVER	COMP DEST	DISCREPANCY IN PERCEP	TION		
0/10/1/	VEHICLE IS CAPABLE OF OPERATING WITHOUT A DRIVER ☐ YES ✔ NO	DRIVER PRESENT	STREET				

<sup>\*</sup> Additional information regarding the causes of the disengagement may be submitted as an attachment. If an attachment is provided, indicate the specific attachment number for the disengagement event.



NAME OF MANU WERIDE C	facturer ORP				AVT NUMBER AVT034	
BUSINESS MAIL 330 GIBRA	ing address LTAR DR		SUNNYVALE	STATE CA	ZIP CODE 94089	TELEPHONE NUMBER ( 408 ) 645-7118
SECTION :	2 — DISENGAGEMENT E	VENT DETAIL Use	one row for each diseng	agement event.		
DATE	VIN NUMBER	DISENGAGEMENT INITIATED BY (AV System, Test Driver, Remote Operator, or Passenger)	DISENGAGEMENT LOCATION (Interstate, Freeway, Highway, Rural Road, Street, or Parking Facility)	DESCRIPTION OF F	FACTS CAUSING DIS	ENGAGEMENT *
8/10/17	3LN6L5LU3HR640854	AV SYSTEM	CONDUCTO	IRREGULARITY IN AV SYSTE	M	
8/10/17	VEHICLE IS CAPABLE OF OPERATING WITHOUT A DRIVER YES V NO	DRIVER PRESENT  ✓ YES □ NO	STREET			
8/10/17	3LN6L5LU3HR640854	AV SYSTEM	STREET	IRREGULARITY IN AV SYSTE	M	
V	VEHICLE IS CAPABLE OF OPERATING WITHOUT A DRIVER ☐ YES ✔ NO	DRIVER PRESENT  ✓ YES ☐ NO	STREET			
8/11/17 v	3LN6L5LU1HR638729	TEST DRIVER	CMD TOTAL	IRREGULARITY IN HARDWAI	RE	
	VEHICLE IS CAPABLE OF OPERATING WITHOUT A DRIVER YES V NO	DRIVER PRESENT  ✓ YES □ NO	STREET			
8/12/17	3LN6L5LU1HR638729	TEST DRIVER	CTDEET	DISCREPANCY IN PERCEPTION	ON	8
8/12/17	VEHICLE IS CAPABLE OF OPERATING WITHOUT A DRIVER YES NO	DRIVER PRESENT  ✓ YES NO	STREET			
8/12/17	3LN6L5LU1HR638729	TEST DRIVER	CMD CDM	DISCREPANCY IN PLANNING		
0/12/1/	VEHICLE IS CAPABLE OF OPERATING WITHOUT A DRIVER YES V NO	DRIVER PRESENT  ✓ YES □ NO	STREET			
8/14/17	3LN6L5LU3HR640854	TEST DRIVER	CTDEET	DISCREPANCY IN PERCEPTION	N	
0/14/1/	VEHICLE IS CAPABLE OF OPERATING WITHOUT A DRIVER YES V NO	DRIVER PRESENT  VES NO	STREET			
0/14/17	3LN6L5LU1HR638729	TEST DRIVER	OMD DET	IRREGULARITY IN CONTROL	,	
8/14/17	VEHICLE IS CAPABLE OF OPERATING WITHOUT A DRIVER YES V NO	DRIVER PRESENT  ✓ YES □ NO	STREET			
8/15/17	3LN6L5LU3HR640854	TEST DRIVER	COD COM	DISCREPANCY IN PLANNING		
0/13/1/	VEHICLE IS CAPABLE OF OPERATING WITHOUT A DRIVER ☐ YES ✔ NO	DRIVER PRESENT  ✓ YES □ NO	STREET			

<sup>\*</sup> Additional information regarding the causes of the disengagement may be submitted as an attachment. If an attachment is provided, indicate the specific attachment number for the disengagement event.



SECTION	1 — MANUFACTURER IN	FORMATION				
NAME OF MANU WERIDE C	FACTURER ORP				AVT NUMBER AVT034	nggemakka sa pan kilipate kiki aka kilipa
330 GIBRA	ing address LTAR DR		SUNNYVALE	STATE CA	ZIP CODE 94089	( 408 ) 645-7118
SECTION 2 — DISENGAGEMENT EVENT DETAIL US			one row for each diseng	gagement event.		
DATE	VIN NUMBER	DISENGAGEMENT INITIATED BY (AV System, Test Driver, Remote Operator, or Passenger)	DISENGAGEMENT LOCATION (Interstate, Freeway, Highway, Rural Road, Street, or Parking Facility)	DESCRIPTION C	F FACTS CAUSING DIS	SENGAGEMENT *
8/15/17	3LN6L5LU3HR640854	TEST DRIVER	CADEEA	DISCREPANCY IN PERCEPT	TION	
0/13/17	VEHICLE IS CAPABLE OF OPERATING WITHOUT A DRIVER ☐ YES ✔ NO	DRIVER PRESENT  VES NO	STREET			
8/15/17	3LN6L5LU3HR640854	TEST DRIVER	STREET	DISCREPANCY IN PERCEPT	TION	
V	VEHICLE IS CAPABLE OF OPERATING WITHOUT A DRIVER ☐ YES ✔ NO	DRIVER PRESENT	SIREEI			
8/16/17	3LN6L5LU1HR638729	TEST DRIVER	CMD EXT	DISCREPANCY IN PERCEPT	TION	
	VEHICLE IS CAPABLE OF OPERATING WITHOUT A DRIVER ☐ YES ✔ NO	DRIVER PRESENT	STREET			
8/17/17	3LN6L5LU3HR640854	TEST DRIVER	STREET	DISCREPANCY IN PLANNIN	<b>V</b> G	
8/1//1/	VEHICLE IS CAPABLE OF OPERATING WITHOUT A DRIVER ☐ YES ✔ NO	DRIVER PRESENT				
8/17/17	3LN6L5LU3HR640854	TEST DRIVER	COMP DESCRIPTION	IRREGULARITY IN CONTRO	OL	
0/1//1/	VEHICLE IS CAPABLE OF OPERATING WITHOUT A DRIVER ☐ YES ✔ NO	DRIVER PRESENT	STREET			
8/19/17	3LN6L5LU1HR638729	TEST DRIVER	CTDEET	IRREGULARITY IN CONTRO	OL	
8/19/17	VEHICLE IS CAPABLE OF OPERATING WITHOUT A DRIVER ☐ YES ☑ NO	DRIVER PRESENT  YES NO	STREET			
8/19/17	3LN6L5LU1HR638729	TEST DRIVER	CTDEET	IRREGULARITY IN HARDW	ARE	
VEHICLE IS CAPABLE OF OPERATING DRIVE	DRIVER PRESENT  ✓ YES ☐ NO	STREET				
8/19/17	3LN6L5LU1HR638729	TEST DRIVER	STREET	IRREGULARITY IN HARDW	/ARE	
0/19/17	VEHICLE IS CAPABLE OF OPERATING WITHOUT A DRIVER ☐ YES ✔ NO	DRIVER PRESENT  ✓ YES □ NO	SIKEEI			

<sup>\*</sup> Additional information regarding the causes of the disengagement may be submitted as an attachment. If an attachment is provided, indicate the specific attachment number for the disengagement event.



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SECTION	1 — MANUFACTURER IN	FORMATION	1			
NAME OF MANU WERIDE C	FACTURER ORP				AVT NUMBER AVT034	
BUSINESS MAIL 330 GIBRA	ing address LTAR DR		SUNNYVALE STATE CA		ZIP CODE 94089	( 408 ) 645-7118
SECTION :	2 — DISENGAGEMENT E	VENT DETAIL Use	one row for each diseng	agement event.		
DATE	VIN NUMBER	DISENGAGEMENT INITIATED BY (AV System, Test Driver, Remote Operator, or Passenger)	DISENGAGEMENT LOCATION (Interstate, Freeway, Highway, Rural Road, Street, or Parking Facility)	DESCRIPTION OF	FACTS CAUSING DISE	ENGAGEMENT *
0/20/17	3LN6L5LU1HR638729	TEST DRIVER	CMD DEF	DISCREPANCY IN PLANNIN	G	
8/20/17	VEHICLE IS CAPABLE OF OPERATING WITHOUT A DRIVER YES V NO	DRIVER PRESENT  ✓ YES □ NO	STREET			
8/21/17	3LN6L5LU3HR640854	TEST DRIVER	- STREET	IRREGULARITY IN CONTRO	DL	
\	VEHICLE IS CAPABLE OF OPERATING WITHOUT A DRIVER ☐ YES ✓ NO	DRIVER PRESENT  YES NO				
8/21/17	3LN6L5LU1HR638729	TEST DRIVER	STREET	DISCREPANCY IN PERCEPT	ION	
	VEHICLE IS CAPABLE OF OPERATING WITHOUT A DRIVER YES V NO	DRIVER PRESENT  YES NO	SIREEI			
8/21/17	3LN6L5LU1HR638729	TEST DRIVER	STREET	DISCREPANCY IN PERCEPT	ION	
0/21/17	VEHICLE IS CAPABLE OF OPERATING WITHOUT A DRIVER ☐ YES ✔ NO	DRIVER PRESENT  ✓ YES NO	STREET			
8/22/17	3LN6L5LU3HR640854	TEST DRIVER	STREET	IRREGULARITY IN CONTRO	DL	
8/22/17	VEHICLE IS CAPABLE OF OPERATING WITHOUT A DRIVER ☐ YES ✓ NO	DRIVER PRESENT  YES NO	SIREEI			
8/22/17	3LN6L5LU1HR638729	TEST DRIVER	STREET	DISCREPANCY IN PERCEPT	ION	
0.22/1/	VEHICLE IS CAPABLE OF OPERATING WITHOUT A DRIVER ☐ YES ✓ NO	DRIVER PRESENT  YES NO	JIRLEI			
8/22/17	3LN6L5LU1HR638729	TEST DRIVER	STREET	DISCREPANCY IN PLANNIN	G	
and the same of th	VEHICLE IS CAPABLE OF OPERATING WITHOUT A DRIVER ☐ YES ✓ NO	DRIVER PRESENT  VES NO	SIKEEI			
	3LN6L5LU1HR638729	AV SYSTEM	STREET	IRREGULARITY IN AV SYST	EM	
J. 221 1 1	VEHICLE IS CAPABLE OF OPERATING WITHOUT A DRIVER ☐ YES ✓ NO	DRIVER PRESENT  YES NO	J. T.			

<sup>\*</sup> Additional information regarding the causes of the disengagement may be submitted as an attachment. If an attachment is provided, indicate the specific attachment number for the disengagement event.



SECTION	1 — MANUFACTURER INI	FORMATION					
NAME OF MANU WERIDE C	facturer ORP				AVT NUMBER AVT034	AVT NUMBER AVT034	
BUSINESS MAIL 330 GIBRA	ing address LTAR DR		CITY SUNNYVALE	STATE CA	ZIP CODE 94089	TELEPHONE NUMBER ( 408 ) 645-7118	
SECTION	2 — DISENGAGEMENT E	VENT DETAIL Use	one row for each diseng	agement event.			
DATE	VIN NUMBER	DISENGAGEMENT INITIATED BY (AV System, Test Driver, Remote Operator, or Passenger)	DISENGAGEMENT LOCATION (Interstate, Freeway, Highway, Rural Road, Street, or Parking Facility)	DESCRIPTION O	F FACTS CAUSING DISE	NGAGEMENT *	
8/22/17	3LN6L5LU1HR638729	TEST DRIVER	CEDEFE	DISCREPANCY IN PLANNIN	IG		
8/22/17	VEHICLE IS CAPABLE OF OPERATING WITHOUT A DRIVER YES V NO	DRIVER PRESENT  ✓ YES □ NO	STREET				
8/23/17 VEH WITH	3LN6L5LU3HR640854	TEST DRIVER	- STREET	DISCREPANCY IN PLANNIN	IG		
	VEHICLE IS CAPABLE OF OPERATING WITHOUT A DRIVER ☐ YES ✓ NO	DRIVER PRESENT  ✓ YES NO					
8/23/17	3LN6L5LU3HR640854	TEST DRIVER	STREET	IRREGULARITY IN CONTRO	OL		
	VEHICLE IS CAPABLE OF OPERATING WITHOUT A DRIVER ☐ YES ✔ NO	DRIVER PRESENT					
8/24/17	3LN6L5LU3HR640854	TEST DRIVER	- STREET	IRREGULARITY IN HARDW	ARE		
0/24/17	VEHICLE IS CAPABLE OF OPERATING WITHOUT A DRIVER ☐ YES ✓ NO	DRIVER PRESENT  ✓ YES NO	STREET				
8/25/17	3LN6L5LU1HR638729	TEST DRIVER	STREET	DISCREPANCY IN PERCEPT	TON		
0/23/17	VEHICLE IS CAPABLE OF OPERATING WITHOUT A DRIVER ☐ YES ☑ NO	DRIVER PRESENT  VES NO	SIREEI				
8/25/17	3LN6L5LU1HR638729	TEST DRIVER	STREET	DISCREPANCY IN PERCEPT	ION		
0/20/1/	VEHICLE IS CAPABLE OF OPERATING WITHOUT A DRIVER ☐ YES ☑ NO	DRIVER PRESENT  VES NO	STREET				
8/26/17	3LN6L5LU3HR640854	TEST DRIVER	STREET	DISCREPANCY IN PERCEPT	TON		
0/20/17	VEHICLE IS CAPABLE OF OPERATING WITHOUT A DRIVER ☐ YES ✓ NO	DRIVER PRESENT  VES NO	SIKEET				
8/28/17	3LN6L5LU3HR640854	AV SYSTEM	STREET	IRREGULARITY IN AV SYST	ГЕМ		
5.20/1/	VEHICLE IS CAPABLE OF OPERATING WITHOUT A DRIVER ☐ YES ✓ NO	DRIVER PRESENT  YES NO	STREET				

<sup>\*</sup> Additional information regarding the causes of the disengagement may be submitted as an attachment. If an attachment is provided, indicate the specific attachment number for the disengagement event.



SECTION '	I — MANUFACTURER INI	FORMATION				
NAME OF MANU WERIDE CO	FACTURER ORP				AVT NUMBER AVT034	
BUSINESS MAIL 330 GIBRA	ng address LTAR DR		SUNNYVALE	STATE CA	ZIP CODE 94089	( 408 ) 645-7118
SECTION 2	2 — DISENGAGEMENT E	VENT DETAIL Use	one row for each diseng	gagement event.		
DATE	VIN NUMBER	DISENGAGEMENT INITIATED BY (AV System, Test Driver, Remote Operator, or Passenger)	DISENGAGEMENT LOCATION (Interstate, Freeway, Highway, Rural Road, Street, or Parking Facility)	DESCRIPTION OF FA	ACTS CAUSING DISE	NGAGEMENT *
0/00/17	3LN6L5LU3HR640854	TEST DRIVER		DISCREPANCY IN PLANNING		
8/29/17	VEHICLE IS CAPABLE OF OPERATING WITHOUT A DRIVER YES V NO	DRIVER PRESENT  ✓ YES □ NO	STREET			
8/29/17	3LN6L5LU3HR640854	TEST DRIVER	- STREET	IRREGULARITY IN CONTROL		
	VEHICLE IS CAPABLE OF OPERATING WITHOUT A DRIVER ☐ YES ☑ NO	DRIVER PRESENT  YES NO				
8/30/17	3LN6L5LU3HR640854	TEST DRIVER	STREET	IRREGULARITY IN CONTROL		
	VEHICLE IS CAPABLE OF OPERATING WITHOUT A DRIVER ☐ YES ✓ NO	DRIVER PRESENT  YES NO				
8/30/17	3LN6L5LU3HR640854	TEST DRIVER	STREET	DISCREPANCY IN PLANNING		
0/30/17	VEHICLE IS CAPABLE OF OPERATING WITHOUT A DRIVER ☐ YES ✓ NO	DRIVER PRESENT  YES NO	SIREEI			
8/30/17	3LN6L5LU1HR638729	TEST DRIVER	STREET	DISCREPANCY IN PERCEPTION	N	
0/30/17	VEHICLE IS CAPABLE OF OPERATING WITHOUT A DRIVER YES V NO	DRIVER PRESENT  VES NO	SIREEI			
8/31/17	3LN6L5LU3HR640854	AV SYSTEM	STREET	IRREGULARITY IN AV SYSTEM	1	
	VEHICLE IS CAPABLE OF OPERATING WITHOUT A DRIVER ☐ YES ☑ NO	DRIVER PRESENT  YES NO	SINGET			
8/31/17	3LN6L5LU3HR640854	AV SYSTEM	STREET	IRREGULARITY IN AV SYSTEM	1	
3/31/17	VEHICLE IS CAPABLE OF OPERATING WITHOUT A DRIVER ☐ YES ☑ NO	DRIVER PRESENT  VES NO	SIREI			
	VEHICLE IS CAPABLE OF OPERATING WITHOUT A DRIVER ☐ YES ☑ NO	DRIVER PRESENT				

<sup>\*</sup> Additional information regarding the causes of the disengagement may be submitted as an attachment. If an attachment is provided, indicate the specific attachment number for the disengagement event.



SECTION 1	I — MANUFACTURER IN	FORMATION				
NAME OF MANUE					AVT NUMBER AVT034	
BUSINESS MAILI 330 GIBRAL			CITY STATE SUNNYVALE CA		ZIP CODE 94089	( 408 )645-7118
SECTION 2	2 — DISENGAGEMENT E	VENT DETAIL Use	one row for each diseng	gagement event.		
DATE	VIN NUMBER	DISENGAGEMENT INITIATED BY (AV System, Test Driver, Remote Operator, or Passenger)	DISENGAGEMENT LOCATION (Interstate, Freeway, Highway, Rural Road, Street, or Parking Facility)	DESCRIPTION O	F FACTS CAUSING DISE	NGAGEMENT *
	3LN6L5LU3HR640854	TEST DRIVER		DISCREPANCY IN PLANNIN	NG	
9/8/2017	VEHICLE IS CAPABLE OF OPERATING WITHOUT A DRIVER YES NO					
0/0/0047	3LN6L5LU3HR640854	TEST DRIVER	STREET I	DISCREPANCY IN PLANNING		
9/8/2017	VEHICLE IS CAPABLE OF OPERATING WITHOUT A DRIVER ☐ YES ☑ NO	DRIVER PRESENT  ✓ YES NO				
9/8/2017 VE	3LN6L5LU3HR640854	TEST DRIVER	STREET	DISCREPANCY IN PLANNI	NG	
	VEHICLE IS CAPABLE OF OPERATING WITHOUT A DRIVER YES NO	DRIVER PRESENT  VES NO				
0/40/0047	3LN6L5LU3HR640854	TEST DRIVER		DISCREPANCY IN PLANNI	NG	
9/13/2017	VEHICLE IS CAPABLE OF OPERATING WITHOUT A DRIVER YES NO	DRIVER PRESENT  VES NO	STREET			
0/40/0047	3LN6L5LU3HR640854	TEST DRIVER		DISCREPANCY IN PERCEF	PTION	
9/13/2017	VEHICLE IS CAPABLE OF OPERATING WITHOUT A DRIVER YES V NO	DRIVER PRESENT  VES NO	STREET			
0/10/0017	3LN6L5LU3HR640854	TEST DRIVER	0.70.557	IRREGULARITY IN CONTRO	DL	
9/13/2017	VEHICLE IS CAPABLE OF OPERATING WITHOUT A DRIVER YES V NO	DRIVER PRESENT  YES NO	STREET			
0// 4/00/=	3LN6L5LU1HR638729	TEST DRIVER		DISCREPANCY IN PERCEP	PTION	
9/14/2017	VEHICLE IS CAPABLE OF OPERATING WITHOUT A DRIVER ☐ YES ✔ NO	DRIVER PRESENT  ✓ YES \NO	STREET			
0/14/0017	3LN6L5LU1HR638729	TEST DRIVER	OTDEET	DISCREPANCY IN PERCEF	PTION	
9/14/2017	VEHICLE IS CAPABLE OF OPERATING WITHOUT A DRIVER ☐ YES ✔ NO	DRIVER PRESENT  ☑ YES ☐ NO	STREET			

<sup>\*</sup> Additional information regarding the causes of the disengagement may be submitted as an attachment. If an attachment is provided, indicate the specific attachment number for the disengagement event.



SECTION 1	- MANUFACTURER IN	FORMATION				
NAME OF MANUF					AVT NUMBER AVT034	
BUSINESS MAILI 330 GIBRAL			SUNNYVALE	STATE CA	ZIP CODE 94089	( 408 )645-7118
SECTION 2	— DISENGAGEMENT E	VENT DETAIL Use	one row for each diseng	gagement event.		
DATE	VIN NUMBER	DISENGAGEMENT INITIATED BY (AV System, Test Driver, Remote Operator, or Passenger)	DISENGAGEMENT LOCATION (Interstate, Freeway, Highway, Rural Road, Street, or Parking Facility)	DESCRIPTION OF	FACTS CAUSING DISE	NGAGEMENT*
0/4 4/00477	3LN6L5LU4HR637607	TEST DRIVER		DISCREPANCY IN PLANNING	i i	
9/14/2017	VEHICLE IS CAPABLE OF OPERATING WITHOUT A DRIVER YES V NO	DRIVER PRESENT  YES NO	STREET			
0/4/4/0047	3LN6L5LU4HR637607	TEST DRIVER	-STREET	DISCREPANCY IN PLANNING		
9/14/2017	VEHICLE IS CAPABLE OF OPERATING WITHOUT A DRIVER YES V NO	DRIVER PRESENT  VES NO				
9/20/2017	3LN6L5LU4HR637607	TEST DRIVER	STREET	DISCREPANCY IN PLANNING	à	
	VEHICLE IS CAPABLE OF OPERATING WITHOUT A DRIVER YES NO	DRIVER PRESENT  VES NO				
0/00/0047	3LN6L5LU4HR637607	TEST DRIVER		DISCREPANCY IN PLANNING		
9/20/2017	VEHICLE IS CAPABLE OF OPERATING WITHOUT A DRIVER YES V NO	DRIVER PRESENT  VES NO	STREET			
0/01/0017	3LN6L5LU3HR640854	TEST DRIVER		DISCREPANCY IN PLANNING		
9/21/2017	VEHICLE IS CAPABLE OF OPERATING WITHOUT A DRIVER ☐ YES ☑ NO	DRIVER PRESENT  YES NO	STREET			
0/01/0017	3LN6L5LU3HR640854	TEST DRIVER	0.70.557	DISCREPANCY IN PLANNING	à	
9/21/2017	VEHICLE IS CAPABLE OF OPERATING WITHOUT A DRIVER ☐ YES ☑ NO	DRIVER PRESENT  YES NO	STREET			
0/00/0017	3LN6L5LU1HR638729	TEST DRIVER		DISCREPANCY IN PERCEPT	ION	
9/22/2017	VEHICLE IS CAPABLE OF OPERATING WITHOUT A DRIVER ☐ YES ✓ NO	DRIVER PRESENT  ✓ YES \NO	STREET			
9/22/2017	3LN6L5LU1HR638729	TEST DRIVER		DISCREPANCY IN PERCEPTION		
	VEHICLE IS CAPABLE OF OPERATING WITHOUT A DRIVER ☐ YES ✓ NO	DRIVER PRESENT  ✓ YES NO	STREET			

<sup>\*</sup> Additional information regarding the causes of the disengagement may be submitted as an attachment. If an attachment is provided, indicate the specific attachment number for the disengagement event.



SECTION	1 — MANUFACTURER IN	FORMATION				
NAME OF MANU					AVT NUMBER AVT034	
BUSINESS MAIL 330 GIBRA			SUNNYVALE SUNNYVALE CA		ZIP CODE 94089	( 408 )645-7118
SECTION	2 — DISENGAGEMENT E	VENT DETAIL Use	one row for each diseng	gagement event.		
DATE	VIN NUMBER	DISENGAGEMENT INITIATED BY (AV System, Test Driver, Remote Operator, or Passenger)	DISENGAGEMENT LOCATION (Interstate, Freeway, Highway, Rural Road, Street, or Parking Facility)	DESCRIPTION C	OF FACTS CAUSING DISE	ENGAGEMENT *
0/00/0047	3LN6L5LU3HR640854	TEST DRIVER	STREET	DISCREPANCY IN PLANNI	NG	
9/26/2017	VEHICLE IS CAPABLE OF OPERATING WITHOUT A DRIVER ☐ YES ☑ NO					
9/26/2017	3LN6L5LU3HR640854	TEST DRIVER	OTDEET	DISCREPANCY IN PLANNI	NG	
v	VEHICLE IS CAPABLE OF OPERATING WITHOUT A DRIVER ☐ YES ✓ NO		STREET			
9/26/2017	3LN6L5LU3HR640854	TEST DRIVER	STREET	DISCREPANCY IN PLANNII	NG	
	VEHICLE IS CAPABLE OF OPERATING WITHOUT A DRIVER ☐ YES ✔ NO	DRIVER PRESENT  VES NO				
0/07/0017	3LN6L5LU4HR637607	TEST DRIVER		DISCREPANCY IN PLANNI	NG	
9/27/2017	VEHICLE IS CAPABLE OF OPERATING WITHOUT A DRIVER ☐ YES ✓ NO	DRIVER PRESENT  ✓ YES □ NO	STREET			
	VEHICLE IS CAPABLE OF OPERATING WITHOUT A DRIVER ☐ YES ✓ NO	DRIVER PRESENT  VES NO				
	VEHICLE IS CAPABLE OF OPERATING	DRIVER PRESENT				
	WITHOUT A DRIVER YES NO	YES NO				
	VEHICLE IS CAPABLE OF OPERATING WITHOUT A DRIVER ☐ YES ☑ NO	DRIVER PRESENT  ✓ YES □ NO				
	THE PIO	F 123 INO				
	VEHICLE IS CAPABLE OF OPERATING WITHOUT A DRIVER ☐ YES ▼ NO	DRIVER PRESENT	-			

<sup>\*</sup> Additional information regarding the causes of the disengagement may be submitted as an attachment. If an attachment is provided, indicate the specific attachment number for the disengagement event.



	- MANUFACTURER IN	FORMATION				
WERIDE CO					AVT NUMBER AVT034	
BUSINESS MAILIN 330 GIBRAL			SUNNYVALE	STATE CA	ZIP CODE 94089	( 408 )645-7118
SECTION 2	— DISENGAGEMENT E	VENT DETAIL Use	one row for each diseng	agement event.		
DATE	VIN NUMBER	DISENGAGEMENT INITIATED BY (AV System, Test Driver, Remote Operator, or Passenger)	DISENGAGEMENT LOCATION (Interstate, Freeway, Highway, Rural Road, Street, or Parking Facility)	DESCRIPTION OF	FACTS CAUSING DISE	:NGAGEMENT *
10/0/0017	3LN6L5LU4HR637607	TEST DRIVER	0	IRREGULARITY IN CONTRO	DL	
10/3/2017	VEHICLE IS CAPABLE OF OPERATING WITHOUT A DRIVER ☐ YES ✓ NO	DRIVER PRESENT  YES NO	STREET			
10/0/0017	3LN6L5LU4HR637607	TEST DRIVER	STREET	DISCREPANCY IN PLANNIN	IG	
10/3/2017	VEHICLE IS CAPABLE OF OPERATING WITHOUT A DRIVER ☐ YES ✓ NO	DRIVER PRESENT  YES NO				
10/5/2017 ve	3LN6L5LU3HR640854	TEST DRIVER	STREET	DISCREPANCY IN PLANNING		
	VEHICLE IS CAPABLE OF OPERATING WITHOUT A DRIVER ☐ YES ☑ NO	DRIVER PRESENT  YES NO				
10/5/0017	3LN6L5LU3HR640854	TEST DRIVER		DISCREPANCY IN PLANNING		
10/5/2017	VEHICLE IS CAPABLE OF OPERATING WITHOUT A DRIVER ☐ YES ✓ NO	DRIVER PRESENT  ✓ YES NO	STREET			
	3LN6L5LU1HR638729	TEST DRIVER		DISCREPANCY IN PERCEPTION		
10/6/2017	VEHICLE IS CAPABLE OF OPERATING WITHOUT A DRIVER ☐ YES ✓ NO	DRIVER PRESENT  YES NO	STREET			
40/0/0047	3LN6L5LU1HR638729	TEST DRIVER		DISCREPANCY IN PERCEP	TION	
10/6/2017	VEHICLE IS CAPABLE OF OPERATING WITHOUT A DRIVER ☐ YES ✓ NO	DRIVER PRESENT  ☑ YES ☐ NO	STREET			
10/0/0017	3LN6L5LU1HR638729	TEST DRIVER		DISCREPANCY IN PERCEP	TION	
10/6/2017	VEHICLE IS CAPABLE OF OPERATING WITHOUT A DRIVER ☐ YES ✓ NO	DRIVER PRESENT  YES NO	STREET			
10/10/2017	3LN6L5LU3HR640854	TEST DRIVER		DISCREPANCY IN PLANNING		
	VEHICLE IS CAPABLE OF OPERATING WITHOUT A DRIVER ☐ YES ✔ NO	DRIVER PRESENT  ✓ YES NO	STREET			

<sup>\*</sup> Additional information regarding the causes of the disengagement may be submitted as an attachment. If an attachment is provided, indicate the specific attachment number for the disengagement event.



NAME OF MANUF.					AVT NUMBER AVT034	
BUSINESS MAILIN 330 GIBRAL			SUNNYVALE	STATI CA	zip code 94089	( 408 )645-7118
SECTION 2	— DISENGAGEMENT E	VENT DETAIL Use	one row for each diseng	gagement event.		
DATE	VIN NUMBER	DISENGAGEMENT INITIATED BY (AV System, Test Driver, Remote Operator, or Passenger)	DISENGAGEMENT LOCATION (Interstate, Freeway, Highway, Rural Road, Street, or Parking Facility)	DESCRIPTION	OF FACTS CAUSING DIS	ENGAGEMENT *
10/11/0017	3LN6L5LU4HR637607	TEST DRIVER	270-7-	IRREGULARITY IN CONTR	ROL	
10/11/2017	VEHICLE IS CAPABLE OF OPERATING WITHOUT A DRIVER ☐ YES ✓ NO	DRIVER PRESENT  VES NO	STREET			
10/10/0017	3LN6L5LU4HR637607	TEST DRIVER	-STREET	DISCREPANCY IN PLANN	ING	
W	VEHICLE IS CAPABLE OF OPERATING WITHOUT A DRIVER ☐ YES ✔ NO	DRIVER PRESENT  ✓ YES NO				
10/17/2017	3LN6L5LU4HR637607	TEST DRIVER	STREET	DISCREPANCY IN PLANN	ING	
	VEHICLE IS CAPABLE OF OPERATING WITHOUT A DRIVER ☐ YES ✔ NO	DRIVER PRESENT  ✓ YES NO				
10/00/0017	3LN6L5LU1HR638729	TEST DRIVER		DISCREPANCY IN PERCEPTION		
10/20/2017	VEHICLE IS CAPABLE OF OPERATING WITHOUT A DRIVER ☐ YES ✔ NO	DRIVER PRESENT  ✓ YES NO	STREET			
	3LN6L5LU3HR640854	TEST DRIVER	_	DISCREPANCY IN PLANNING		
10/25/2017	VEHICLE IS CAPABLE OF OPERATING WITHOUT A DRIVER ☐ YES ☑ NO	DRIVER PRESENT  ✓ YES □ NO	STREET			
10/06/0017	3LN6L5LU3HR640854	TEST DRIVER	OTDEET	IRREGULARITY IN CONTR	ROL	
10/26/2017	VEHICLE IS CAPABLE OF OPERATING WITHOUT A DRIVER ☐ YES ✔ NO	DRIVER PRESENT  YES NO	STREET			
10/07/0017	3LN6L5LU4HR637607	TEST DRIVER	and the second s	DISCREPANCY IN PLANNI	NG	
10/27/2017	VEHICLE IS CAPABLE OF OPERATING WITHOUT A DRIVER ☐ YES ✓ NO	DRIVER PRESENT  YES NO	STREET			
	VEHICLE IS CAPABLE OF OPERATING WITHOUT A DRIVER  YES ✓ NO	DRIVER PRESENT  YES NO				

<sup>\*</sup> Additional information regarding the causes of the disengagement may be submitted as an attachment. If an attachment is provided, indicate the specific attachment number for the disengagement event.



NAME OF MANU WERIDE C	ORP					AVT NUMBER AVT034	
BUSINESS MAIL 330 GIBRA			SUNNYVALE	STATE CA		ZIP CODE 94089	( 408 )645-7118
SECTION :	2 — DISENGAGEMENT E	VENT DETAIL Use	one row for each diseng	gagement event.			
DATE	VIN NUMBER	DISENGAGEMENT INITIATED BY (AV System, Test Driver, Remote Operator, or Passenger)	DISENGAGEMENT LOCATION (Interstate, Freeway, Highway, Rural Road, Street, or Parking Facility)	DESCRIPTION (	OF FACTS	CAUSING DISE	ENGAGEMENT *
11/0/17	3LN6L5LU3HR640854	TEST DRIVER		IRREGULARITY IN CONTROL			
11/6/17	VEHICLE IS CAPABLE OF OPERATING WITHOUT A DRIVER ☐ YES ✓ NO	DRIVER PRESENT  YES NO	STREET				
44/2/47	3LN6L5LU3HR640854	TEST DRIVER	-STREET	DISCREPANCY IN PLANNI	NG		
v	VEHICLE IS CAPABLE OF OPERATING WITHOUT A DRIVER ☐ YES ✓ NO	DRIVER PRESENT  YES NO					
11/7/17 VE	3LN6L5LU3HR640854	TEST DRIVER	STREET	DISCREPANCY IN PLANNI	NG		
	VEHICLE IS CAPABLE OF OPERATING WITHOUT A DRIVER ☐ YES ✓ NO	DRIVER PRESENT  YES NO					
11047	3LN6L5MU2HR654727	TEST DRIVER		DISCREPANCY IN PLANNING			
11/8/17	VEHICLE IS CAPABLE OF OPERATING WITHOUT A DRIVER ☐ YES ✓ NO	DRIVER PRESENT  ☑ YES ☐ NO	STREET				
	3LN6L5LU1HR638729	TEST DRIVER		DISCREPANCY IN PERCEPTION			
11/13/17	VEHICLE IS CAPABLE OF OPERATING WITHOUT A DRIVER ☐ YES ✔ NO	DRIVER PRESENT  ✓ YES NO	STREET				
	3LN6L5LU4HR637607	TEST DRIVER		DISCREPANCY IN PLANNI	NG		
11/13/17	VEHICLE IS CAPABLE OF OPERATING WITHOUT A DRIVER ☐ YES ✓ NO	DRIVER PRESENT  ✓ YES □ NO	STREET				
11/10/17	3LN6L5LU4HR637607	TEST DRIVER		DISCREPANCY IN PLANNI	NG		
11/13/17	VEHICLE IS CAPABLE OF OPERATING WITHOUT A DRIVER ☐ YES ✓ NO	DRIVER PRESENT  ✓ YES □ NO	STREET				
	3LN6L5LU3HR640854	TEST DRIVER		DISCREPANCY IN PLANNING			
11/14/17	VEHICLE IS CAPABLE OF OPERATING WITHOUT A DRIVER ☐ YES ✔ NO	DRIVER PRESENT  ✓ YES □ NO	STREET				

<sup>\*</sup> Additional information regarding the causes of the disengagement may be submitted as an attachment. If an attachment is provided, indicate the specific attachment number for the disengagement event.



, -						
SECTION 1	- MANUFACTURER IN	FORMATION				
NAME OF MANUF					AVT NUMBER AVT034	
BUSINESS MAILII 330 GIBRAL			SUNNYVALE	STATE CA	ZIP CODE 94089	( 408 )645-7118
SECTION 2	— DISENGAGEMENT E	VENT DETAIL Use	one row for each diseng	gagement event.		
DATE	VIN NUMBER	DISENGAGEMENT INITIATED BY (AV System, Test Driver, Remote Operator, or Passenger)	DISENGAGEMENT LOCATION (Interstate, Freeway, Highway, Rural Road, Street, or Parking Facility)	DESCRIPTION OF FA	ACTS CAUSING DISE	NGAGEMENT *
	3LN6L5MU2HR654727	TEST DRIVER		IRREGULARITY IN HARDWAR	E	
11/14/17	VEHICLE IS CAPABLE OF OPERATING WITHOUT A DRIVER YES V NO	DRIVER PRESENT  ✓ YES \NO	STREET			
11 (00 (17	3LN6L5MU2HR654727	TEST DRIVER	-STREET	IRREGULARITY IN HARDWARE		
W	VEHICLE IS CAPABLE OF OPERATING WITHOUT A DRIVER ☐ YES ✔ NO	DRIVER PRESENT  YES NO				
11/20/17 VE	3LN6L5MU2HR654727	TEST DRIVER	STREET	DISCREPANCY IN PERCEPTION		
	VEHICLE IS CAPABLE OF OPERATING WITHOUT A DRIVER ☐ YES ✓ NO	DRIVER PRESENT  YES NO				
11/00/17	3LN6L5LU1HR638729	TEST DRIVER		DISCREPANCY IN PLANNING		
11/20/17	VEHICLE IS CAPABLE OF OPERATING WITHOUT A DRIVER YES V NO	DRIVER PRESENT  YES NO	STREET			
44/04/47	3LN6L5LU4HR637607	TEST DRIVER		DISCREPANCY IN PLANNING		
11/21/17	VEHICLE IS CAPABLE OF OPERATING WITHOUT A DRIVER ☐ YES ✓ NO	DRIVER PRESENT  YES NO	STREET			
11/00/17	3LN6L5LU3HR640854	TEST DRIVER	0.70.557	DISCREPANCY IN PLANNING		
11/22/17	VEHICLE IS CAPABLE OF OPERATING WITHOUT A DRIVER ☐ YES ☑ NO	DRIVER PRESENT  YES NO	STREET			
44 /00 /4 7	3LN6L5LU4HR637607	TEST DRIVER		DISCREPANCY IN PLANNING	- View	
11/26/17	VEHICLE IS CAPABLE OF OPERATING WITHOUT A DRIVER ☐ YES ✓ NO	DRIVER PRESENT  YES NO	STREET			
3	3LN6L5LU3HR640854	TEST DRIVER		DISCREPANCY IN PLANNING		
11/30/17	VEHICLE IS CAPABLE OF OPERATING WITHOUT A DRIVER YES V NO	DRIVER PRESENT  ✓ YES \ \ \ NO	STREET			

<sup>\*</sup> Additional information regarding the causes of the disengagement may be submitted as an attachment. If an attachment is provided, indicate the specific attachment number for the disengagement event.



SECTION	1 — MANUFACTURER IN	FORMATION				
NAME OF MANU					AVT NUMBER AVT034	
330 GIBRA			SUNNYVALE	STATE CA	ZIP CODE 94089	TELEPHONE NUMBER ( 408 )645-7118
SECTION	2 — DISENGAGEMENT E	VENT DETAIL Use	one row for each disen	gagement event.		
DATE	VIN NUMBER	DISENGAGEMENT INITIATED BY (AV System, Test Driver, Remote Operator, or Passenger)	DISENGAGEMENT LOCATION (Interstate, Freeway, Highway, Rural Road, Street, or Parking Facility)	DESCRIPTION OF	FACTS CAUSING DISE	NGAGEMENT *
44/00/47	3LN6L5LU1HR638729	TEST DRIVER		DISCREPANCY IN PLANNIN	IG	
11/30/17	VEHICLE IS CAPABLE OF OPERATING WITHOUT A DRIVER ☐ YES ✓ NO	DRIVER PRESENT  YES NO	STREET			
	VEHICLE IS CAPABLE OF OPERATING WITHOUT A DRIVER ☐ YES ✔ NO	DRIVER PRESENT  YES NO				
	VEHICLE IS CAPABLE OF OPERATING WITHOUT A DRIVER ☐ YES ✔ NO					
_	VEHICLE IS CAPABLE OF OPERATING WITHOUT A DRIVER ☐ YES ☑ NO	DRIVER PRESENT  YES NO				
	VEHICLE IS CAPABLE OF OPERATING WITHOUT A DRIVER ☐ YES ✓ NO	DRIVER PRESENT  YES NO				
6.870.8 18	VEHICLE IS CAPABLE OF OPERATING WITHOUT A DRIVER YES NO					
	VEHICLE IS CAPABLE OF OPERATING WITHOUT A DRIVER ☐ YES ☑ NO	DRIVER PRESENT  ✓ YES ☐ NO				
	VEHICLE IS CAPABLE OF OPERATING WITHOUT A DRIVER ☐ YES ☑ NO					

<sup>\*</sup> Additional information regarding the causes of the disengagement may be submitted as an attachment. If an attachment is provided, indicate the specific attachment number for the disengagement event.



SECTION	1 — MANUFACTURER IN	FORMATION					
NAME OF MANU					AVT NUMBER AVT034		
330 GIBRA			SUNNYVALE SUNNYVALE CA		zip code 94089	( 408 )645-7118	
SECTION 2	2 — DISENGAGEMENT E	VENT DETAIL Use	one row for each diseng	gagement event.			
DATE	VIN NUMBER	DISENGAGEMENT INITIATED BY (AV System, Test Driver, Remote Operator, or Passenger)	DISENGAGEMENT LOCATION (Interstate, Freeway, Highway, Rural Road, Street, or Parking Facility)	DESCRIPTION C	F FACTS CAUSING DISE	ENGAGEMENT *	
10/5/17	3LN6L5LU4HR637607	TEST DRIVER		IRREGULARITY IN HARDW	/ARE		
12/5/17	VEHICLE IS CAPABLE OF OPERATING WITHOUT A DRIVER YES V NO	DRIVER PRESENT  YES NO	STREET				
10/5/17	3LN6L5LU4HR637607	TEST DRIVER	STREET	IRREGULARITY IN HARDWARE			
w	VEHICLE IS CAPABLE OF OPERATING WITHOUT A DRIVER YES V NO	DRIVER PRESENT  VES NO					
12/6/17	3LN6L5LU4HR637607	TEST DRIVER	-STREET	IRREGULARITY IN HARDW	ARE		
	VEHICLE IS CAPABLE OF OPERATING WITHOUT A DRIVER YES V NO	DRIVER PRESENT  YES NO					
10747	3LN6L5LU3HR640854	TEST DRIVER		IRREGULARITY IN HARDW	/ARE		
12/7/17	VEHICLE IS CAPABLE OF OPERATING WITHOUT A DRIVER ☐ YES ☑ NO	DRIVER PRESENT  ✓ YES □ NO	STREET				
10/7/17	3LN6L5LU3HR640854	TEST DRIVER		DISCREPANCY IN PLANNII	NG		
12/7/17	VEHICLE IS CAPABLE OF OPERATING WITHOUT A DRIVER YES V NO	DRIVER PRESENT  YES NO	STREET				
10/7/17	3LN6L5LU4HR637607	TEST DRIVER		DISCREPANCY IN PLANNII	NG		
12/7/17	VEHICLE IS CAPABLE OF OPERATING WITHOUT A DRIVER YES VO	DRIVER PRESENT  YES NO	STREET				
10/14/17	3LN6L5LU3HR640854	TEST DRIVER		DISCREPANCY IN PLANNII	NG		
12/14/17	VEHICLE IS CAPABLE OF OPERATING WITHOUT A DRIVER YES V NO	DRIVER PRESENT  ✓ YES □ NO	STREET				
10/10/17	3LN6L5LU3HR640854	TEST DRIVER	0.70.77	DISCREPANCY IN PLANNI	NG		
12/19/17	VEHICLE IS CAPABLE OF OPERATING WITHOUT A DRIVER ☐ YES ☑ NO	DRIVER PRESENT  VES NO	STREET				

<sup>\*</sup> Additional information regarding the causes of the disengagement may be submitted as an attachment. If an attachment is provided, indicate the specific attachment number for the disengagement event.



SECTION	I — MANUFACTURER IN	FORMATION						
NAME OF MANU					AVT NUMBER AVT034			
BUSINESS MAIL 330 GIBRA			SUNNYVALE STATE		ZIP CODE 94089	( 408 )645-7118		
SECTION	2 — DISENGAGEMENT E	VENT DETAIL Use	one row for each diseng	gagement event.				
DATE	VIN NUMBER	DISENGAGEMENT INITIATED BY (AV System, Test Driver, Remote Operator, or Passenger)	DISENGAGEMENT LOCATION (Interstate, Freeway, Highway, Rural Road, Street, or Parking Facility)	DESCRIPTION OF	FACTS CAUSING DISE	ENGAGEMENT *		
	3LN6L5LU3HR640854	TEST DRIVER		IRREGULARITY IN HARDWA	RE			
12/19/17	VEHICLE IS CAPABLE OF OPERATING WITHOUT A DRIVER YES NO		STREET					
10/00/47	3LN6L5LU1HR638729	TEST DRIVER		IRREGULARITY IN HARDWA	RE			
12/20/17	VEHICLE IS CAPABLE OF OPERATING WITHOUT A DRIVER YES NO		STREET					
10/00/17	3LN6L5MU2HR654727	TEST DRIVER		IRREGULARITY IN HARDWA	RE			
12/22/17	VEHICLE IS CAPABLE OF OPERATING WITHOUT A DRIVER YES NO		STREET					
10/00/17	3LN6L5MU2HR654727	TEST DRIVER		IRREGULARITY IN HARDWA	RE			
12/22/17	VEHICLE IS CAPABLE OF OPERATING WITHOUT A DRIVER ☐ YES ☑ NO	DRIVER PRESENT  YES \[ \] NO	STREET					
10/00/17	3LN6L5MU2HR654727	TEST DRIVER		IRREGULARITY IN HARDWA	RE			
12/26/17	VEHICLE IS CAPABLE OF OPERATING WITHOUT A DRIVER ☐ YES ☑ NO	DRIVER PRESENT  VES NO	STREET					
10/00/17	3LN6L5MU2HR654727	TEST DRIVER		DISCREPANCY IN PLANNING	G			
12/29/17	VEHICLE IS CAPABLE OF OPERATING WITHOUT A DRIVER YES NO	DRIVER PRESENT  VES NO	STREET					
	VEHICLE IS CAPABLE OF OPERATING WITHOUT A DRIVER ☐ YES ☑ NO	DRIVER PRESENT  YES NO						
	VEHICLE IS CAPABLE OF OPERATING WITHOUT A DRIVER ☐ YES ✔ NO	DRIVER PRESENT  ✓ YES NO						

<sup>\*</sup> Additional information regarding the causes of the disengagement may be submitted as an attachment. If an attachment is provided, indicate the specific attachment number for the disengagement event.



SECTION 1	- MANUFACTURER IN	FORMATION						
NAME OF MANUE		A May a company to the following service of the ser				AVT NUMBER AVT034		
BUSINESS MAILI 330 GIBRAL			SUNNYVALE	STAT CA	Ε	ZIP CODE 94089	( 408 )645-7118	
SECTION 2	— DISENGAGEMENT E	VENT DETAIL Use	one row for each diseng	gagement event.				
DATE	VIN NUMBER	DISENGAGEMENT INITIATED BY (AV System, Test Driver, Remote Operator, or Passenger)	DISENGAGEMENT LOCATION (Interstate, Freeway, Highway, Rural Road, Street, or Parking Facility)	DESCRIPTION	OF FACT	S CAUSING DISE	:NGAGEMENT *	
	3LN6L5LU3HR640854	TEST DRIVER		IRREGULARITY IN CONTR	ROL			
1/1/18	VEHICLE IS CAPABLE OF OPERATING WITHOUT A DRIVER ☐ YES ☑ NO		STREET					
	3LN6L5LU1HR638729	TEST DRIVER		IRREGULARITY IN HARDV	VARE	ARE		
1/4/18	VEHICLE IS CAPABLE OF OPERATING WITHOUT A DRIVER ☐ YES ☑ NO		STREET					
4 /5 /4 0	3LN6L5MU2HR654727	TEST DRIVER	OTDEET	IRREGULARITY IN AV SYS	STEM			
1/5/18	VEHICLE IS CAPABLE OF OPERATING WITHOUT A DRIVER ☐ YES ☑ NO		STREET					
4 10 14 0	3LN6L5LU3HR640854	TEST DRIVER		IRREGULARITY IN CONTR	ROL			
1/9/18	VEHICLE IS CAPABLE OF OPERATING WITHOUT A DRIVER ☐ YES ☑ NO		STREET					
	3LN6L5LU4HR637607	TEST DRIVER		DISCREPANCY IN PLANN	ING			
1/11/18	VEHICLE IS CAPABLE OF OPERATING WITHOUT A DRIVER ☐ YES ☑ NO		STREET					
1/45/40	3LN6L5MU2HR654727	TEST DRIVER	OTDEET	IRREGULARITY IN AV SYS	STEM			
1/15/18	VEHICLE IS CAPABLE OF OPERATING WITHOUT A DRIVER ☐ YES ☑ NO		STREET					
1/16/18	3LN6L5LU1HR638729	TEST DRIVER	OTDEET	DISCREPANCY IN PERCEPTION				
1/16/18		VEHICLE IS CAPABLE OF OPERATING DRIVER PRESENT STREET WITHOUT A DRIVER  YES  NO  YES  NO						
1/00/10	3LN6L5LU1HR638729	TESTER DRIVER	OTDEET	DISCREPANCY IN PERCE	PTION			
1/23/18	VEHICLE IS CAPABLE OF OPERATING WITHOUT A DRIVER ☐ YES ☑ NO		STREET					
M NEW BONDERSON TO THE PARTY OF		1201						

<sup>\*</sup> Additional information regarding the causes of the disengagement may be submitted as an attachment. If an attachment is provided, indicate the specific attachment number for the disengagement event.



SECTION	1 — MANUFACTURER IN	FORMATION					
NAME OF MANU					AVT NUMBER AVT034		
BUSINESS MAIL 330 GIBRA			CITY SUNNYVALE	STAT CA	zip code 94089	TELEPHONE NUMBER ( 408 )645-7118	
SECTION	2 — DISENGAGEMENT E	VENT DETAIL Use	one row for each disen	gagement event.		second of the second of the second	
DATE	VIN NUMBER	DISENGAGEMENT INITIATED BY (AV System, Test Driver, Remote Operator, or Passenger)	DISENGAGEMENT LOCATION (Interstate, Freeway, Highway, Rural Road, Street, or Parking Facility)	DESCRIPTION	ON OF FACTS CAUSING DISENGAGEMENT *		
1/00/10	3LN6L5MU1HR637773	TEST DRIVER		IRREGULARITY IN HARDV	VARE		
1/26/18	VEHICLE IS CAPABLE OF OPERATING WITHOUT A DRIVER ☑ YES ☐ NO		STREET				
1/00/10	3LN6L5LU3HR640854	TEST DRIVER	0	IRREGULARITY IN AV SYS	STEM		
1/30/18	VEHICLE IS CAPABLE OF OPERATING WITHOUT A DRIVER ☐ YES ☑ NO		STREET				
1/01/10	3LN6L5LU4HR637607	TEST DRIVER	STREET	DISCREPANCY IN PLANNI	ING		
1/31/18	VEHICLE IS CAPABLE OF OPERATING WITHOUT A DRIVER ☐ YES ☑ NO	DRIVER PRESENT  ✓ YES □ NO					
	VEHICLE IS CAPABLE OF OPERATING WITHOUT A DRIVER YES NO	DRIVER PRESENT ☐ YES ☐ NO					
	VEHICLE IS CAPABLE OF OPERATING						
	WITHOUT A DRIVER YES NO	YES NO					
	VEHICLE IS CAPABLE OF OPERATING WITHOUT A DRIVER YES NO	DRIVER PRESENT					
	VEHICLE IS CAPABLE OF OPERATING WITHOUT A DRIVER YES NO	DRIVER PRESENT ☐ YES ☐ NO					
	VEHICLE IS CAPABLE OF OPERATING						
	WITHOUT A DRIVER YES NO	YES NO					

<sup>\*</sup> Additional information regarding the causes of the disengagement may be submitted as an attachment. If an attachment is provided, indicate the specific attachment number for the disengagement event.



SECTION 1	I — MANUFACTURER IN	FORMATION				
NAME OF MANUE					AVT NUMBER AVT034	
BUSINESS MAILI 330 GIBRAL			SUNNYVALE	STATE CA	ZIP CODE 94089	TELEPHONE NUMBER ( 408 )645-7118
SECTION 2	2 — DISENGAGEMENT E	VENT DETAIL Use	one row for each diseng	gagement event.		
DATE	VIN NUMBER	DISENGAGEMENT INITIATED BY (AV System, Test Driver, Remote Operator, or Passenger)	DISENGAGEMENT LOCATION (Interstate, Freeway, Highway, Rural Road, Street, or Parking Facility)	DESCRIPTION	OF FACTS CAUSING DISE	NGAGEMENT *
0/0/4.0	3LN6L5LU1HR638729	TEST DRIVER		DISCREPANCY IN PLANNI	NG	
2/2/18	VEHICLE IS CAPABLE OF OPERATING WITHOUT A DRIVER ☐ YES ☑ NO	DRIVER PRESENT	STREET			
0/5/40	3LN6L5LU4HR637607	TEST DRIVER		IRREGULARITY IN HARDV	VARE	
2/5/18	VEHICLE IS CAPABLE OF OPERATING WITHOUT A DRIVER ☐ YES ✔ NO	DRIVER PRESENT   ✓ YES NO	STREET			
0/7/40	3LN6L5MU1HR637773	TEST DRIVER		DISCREPANCY IN PLANNI	NG	
2/7/18	VEHICLE IS CAPABLE OF OPERATING WITHOUT A DRIVER YES NO	DRIVER PRESENT  ✓ YES NO	STREET			
04040	3LN6L5LU1HR638729	TEST DRIVER		DISCREPANCY IN PERCE	PTION	
2/12/18	VEHICLE IS CAPABLE OF OPERATING WITHOUT A DRIVER ☐ YES ✓ NO	DRIVER PRESENT   ✓ YES NO	STREET			
0// 1// 0	3LN6L5LU3HR640854	TEST DRIVER		IRREGULARITY IN CONTR	OL	
2/14/18	VEHICLE IS CAPABLE OF OPERATING WITHOUT A DRIVER ☐ YES ✓ NO	DRIVER PRESENT  ✓ YES NO	STREET			
0/40/40	3LN6L5MU2HR654727	TEST DRIVER		IRREGULARITY IN AV SYS	TEM	
2/16/18	VEHICLE IS CAPABLE OF OPERATING WITHOUT A DRIVER YES NO	DRIVER PRESENT   ✓ YES NO	STREET			
0/00/40	3LN6L5MU2HR654727	TEST DRIVER		IRREGULARITY IN AV SYS	V SYSTEM	
2/20/18	VEHICLE IS CAPABLE OF OPERATING DRIVER PRESENT STF WITHOUT A DRIVER YES NO		STREET			
3LN6L5LU3HR640854 TEST DRIVE		TEST DRIVER		DISCREPANCY IN PERCE	PTION	
2/27/18	VEHICLE IS CAPABLE OF OPERATING WITHOUT A DRIVER ☐ YES ☑ NO	DRIVER PRESENT   ✓ YES NO	STREET			

<sup>\*</sup> Additional information regarding the causes of the disengagement may be submitted as an attachment. If an attachment is provided, indicate the specific attachment number for the disengagement event.



SECTION 1	- MANUFACTURER IN	FORMATION				
NAME OF MANUF					AVT NUMBER AVT034	
BUSINESS MAILII 330 GIBRAL			SUNNYVALE STATE		ZIP CODE 94089	( 408 )645-7118
SECTION 2	— DISENGAGEMENT E	VENT DETAIL Use	one row for each diseng	gagement event.		
DATE	VIN NUMBER	DISENGAGEMENT INITIATED BY (AV System, Test Driver, Remote Operator, or Passenger)	DISENGAGEMENT LOCATION (Interstate, Freeway, Highway, Rural Road, Street, or Parking Facility)	DESCRIPTION	OF FACTS CAUSING DISE	ENGAGEMENT *
	3LN6L5LU1HR638729	TEST DRIVER		DISCREPANCY IN PERCE	PTION	
3/1/18	VEHICLE IS CAPABLE OF OPERATING WITHOUT A DRIVER ☐ YES ✓ NO	DRIVER PRESENT	STREET			
2/0/4/0	3LN6L5MU2HR654727	TEST DRIVER		IRREGULARITY IN AV SYS	STEM	
3/2/18	VEHICLE IS CAPABLE OF OPERATING WITHOUT A DRIVER ☐ YES ✓ NO	DRIVER PRESENT	STREET			
N= 11 0	3LN6L5LU3HR640854	TEST DRIVER		IRREGULARITY IN AV SYS	STEM	
3/5/18	VEHICLE IS CAPABLE OF OPERATING WITHOUT A DRIVER ☐ YES ✓ NO	DRIVER PRESENT  ✓ YES NO	STREET			
2/0/4/0	3LN6L5LU1HR638729	TEST DRIVER		DISCREPANCY IN PLANN	ING	
3/8/18	VEHICLE IS CAPABLE OF OPERATING WITHOUT A DRIVER ☐ YES ☑ NO	DRIVER PRESENT  ☑ YES ☐ NO	STREET			
10/40	3LN6L5LU4HR637607	TEST DRIVER		DISCREPANCY IN PERCE	PTION	Э.
3/9/18	VEHICLE IS CAPABLE OF OPERATING WITHOUT A DRIVER ☐ YES ✓ NO	DRIVER PRESENT  ☑ YES ☐ NO	STREET			
3/13/18	3LN6L5MU2HR654727	TEST DRIVER	OTDEET	IRREGULARITY IN HARDV	VARE	
3/13/18	VEHICLE IS CAPABLE OF OPERATING WITHOUT A DRIVER ☐ YES ✓ NO	DRIVER PRESENT	STREET			
N4 E /4 O	3LN6L5MU2HR654727	TEST DRIVER		DISCREPANCY IN PLANNI	ING	
3/15/18	VEHICLE IS CAPABLE OF OPERATING DRIVER PRESENT STREET WITHOUT A DRIVER ☐ YES ☑ NO ☑ YES ☐ NO					
3LN6L5MU1HR637773 TEST DRIVER		TEST DRIVER	OTDEET	DISCREPANCY IN PERCE	PTION	
3/16/18	VEHICLE IS CAPABLE OF OPERATING WITHOUT A DRIVER  YES  NO	DRIVER PRESENT	STREET			

<sup>\*</sup> Additional information regarding the causes of the disengagement may be submitted as an attachment. If an attachment is provided, indicate the specific attachment number for the disengagement event.



SECTION 1	- MANUFACTURER IN	FORMATION							
NAME OF MANUF						AVT NUMBER AVT034			
BUSINESS MAILII 330 GIBRAL			SUNNYVALE	STAT CA	E	ZIP CODE 94089	( 408 )645-7118		
SECTION 2	— DISENGAGEMENT E	VENT DETAIL Use	one row for each diseng	gagement event.		ing in a consecu-			
DATE	VIN NUMBER	DISENGAGEMENT INITIATED BY (AV System, Test Driver, Remote Operator, or Passenger)	DISENGAGEMENT LOCATION (Interstate, Freeway, Highway, Rural Road, Street, or Parking Facility)	DESCRIPTION	OF FACTS	CAUSING DISE	ENGAGEMENT *		
	3LN6L5LU1HR638729	TEST DRIVER		IRREGULARITY IN AV SYS	STEM				
3/20/18	VEHICLE IS CAPABLE OF OPERATING WITHOUT A DRIVER ☐ YES ✓ NO	DRIVER PRESENT	STREET						
2/00/40	3LN6L5LU3HR640854	TEST DRIVER		DISCREPANCY IN PERCE	EPTION				
3/23/18	VEHICLE IS CAPABLE OF OPERATING WITHOUT A DRIVER ☐ YES ✓ NO	DRIVER PRESENT  ✓ YES NO	STREET						
2/00/40	3LN6L5LU4HR637607	TEST DRIVER	OTDEET	DISCREPANCY IN PERCE	PTION				
3/26/18	VEHICLE IS CAPABLE OF OPERATING WITHOUT A DRIVER ☐ YES ✓ NO	DRIVER PRESENT   ✓ YES NO	STREET						
2/00/40	3LN6L5MU1HR637773	TEST DRIVER		DISCREPANCY IN PLANN	ING				
3/29/18	VEHICLE IS CAPABLE OF OPERATING WITHOUT A DRIVER ✓ YES ☐ NO	DRIVER PRESENT	STREET						
	3LN6L5LU3HR640854	TEST DRIVER		IRREGULARITY IN CONTR	ROL				
3/30/18	VEHICLE IS CAPABLE OF OPERATING WITHOUT A DRIVER ☐ YES ☑ NO	DRIVER PRESENT	STREET						
	VEHICLE IS CAPABLE OF OPERATING WITHOUT A DRIVER YES NO	DRIVER PRESENT							
	VEHICLE IS CAPABLE OF OPERATING WITHOUT A DRIVER YES NO	DRIVER PRESENT							
	VEHICLE IS CAPABLE OF OPERATING WITHOUT A DRIVER YES NO	DRIVER PRESENT  YES NO							

<sup>\*</sup> Additional information regarding the causes of the disengagement may be submitted as an attachment. If an attachment is provided, indicate the specific attachment number for the disengagement event.



NAME OF MANUE WERIDE CO						AVT NUMBER AVT034	
BUSINESS MAILI 330 GIBRAL			SUNNYVALE	sta CA		ZIP CODE 94089	( 408 )645-7118
SECTION 2	— DISENGAGEMENT E	VENT DETAIL Use	one row for each diseng	pagement event.			
(AV System, Test Driver, Remote Operator, or Passenger) (Interstate, Freeway, Fighway, Rural Road, Street, or Parking Facility)			DESCRIPTION	DESCRIPTION OF FACTS CAUSING DISENGAGEMENT *			
4/3/18	3LN6L5LU1HR638729	TEST DRIVER	OTDEET	DISCREPANCY IN PLANT	NING		
4/3/18	VEHICLE IS CAPABLE OF OPERATING WITHOUT A DRIVER ☐ YES ☑ NO	DRIVER PRESENT	STREET				
4/0/40	3LN6L5LU4HR637607	TEST DRIVER	OTDEET	IRREGULARITY IN AV SY	STEM		
4/6/18	VEHICLE IS CAPABLE OF OPERATING WITHOUT A DRIVER YES NO	DRIVER PRESENT  ✓ YES NO	STREET				
A (4.4.14.D)	3LN6L5LU4HR637607	TEST DRIVER	DISCREPANCY IN PLA		NING		
4/11/18	VEHICLE IS CAPABLE OF OPERATING WITHOUT A DRIVER ☐ YES ✔ NO	DRIVER PRESENT  ✓ YES NO	STREET	9			
44040	3LN6L5MU2HR654727	TEST DRIVER	1	DISCREPANCY IN PERC	EPTION		
4/13/18	VEHICLE IS CAPABLE OF OPERATING WITHOUT A DRIVER YES INO	DRIVER PRESENT	STREET	2			
4/40/40	3LN6L5LU3HR640854	TEST DRIVER		DISCREPANCY IN PLANT	NING		
4/19/18	VEHICLE IS CAPABLE OF OPERATING WITHOUT A DRIVER ☐ YES ✓ NO	DRIVER PRESENT  ✓ YES NO	STREET				
4/00/40	3LN6L5MU2HR654727	TEST DRIVER	OTDEET	IRREGULARITY IN HARD	WARE		
4/30/18	VEHICLE IS CAPABLE OF OPERATING WITHOUT A DRIVER ☐ YES ✓ NO	DRIVER PRESENT	STREET				
	VEHICLE IS CAPABLE OF OPERATING WITHOUT A DRIVER YES NO	DRIVER PRESENT					
	VEHICLE IS CAPABLE OF OPERATING WITHOUT A DRIVER YES NO	DRIVER PRESENT					

<sup>\*</sup> Additional information regarding the causes of the disengagement may be submitted as an attachment. If an attachment is provided, indicate the specific attachment number for the disengagement event.



	— MANUFACTURER INI	FORMATION						
NAME OF MANUFA WERIDE CO					1.0	AVT NUMBER AVT034		
BUSINESS MAILIN 330 GIBRAL			SUNNYVALE	STAT CA	E	ZIP CODE 94089	telephone number ( 408 )645-7118	
SECTION 2	— DISENGAGEMENT E	VENT DETAIL Use	one row for each diseng	gagement event.				
DATE	VIN NUMBER	DISENGAGEMENT INITIATED BY (AV System, Test Driver, Remote Operator, or Passenger)	DISENGAGEMENT LOCATION (Interstate, Freeway, Highway, Rural Road, Street, or Parking Facility)	DESCRIPTION	OF FACTS	CAUSING DISI	ENGAGEMENT *	
	3LN6L5LU1HR638729	TEST DRIVER		DISCREPANCY IN PERCE	PTION			
5/1/18	VEHICLE IS CAPABLE OF OPERATING WITHOUT A DRIVER ☐ YES ✓ NO	DRIVER PRESENT   ✓ YES NO	STREET					
	3LN6L5MU2HR654727	TEST DRIVER		DISCREPANCY IN PLANN	ING			
5/4/18	VEHICLE IS CAPABLE OF OPERATING WITHOUT A DRIVER ☐ YES ✓ NO	DRIVER PRESENT   ✓ YES NO	STREET					
-10.14.0	3LN6L5LU4HR637607	TEST DRIVER	OTDEET	IRREGULARITY IN AV SYS	STEM			
5/9/18	VEHICLE IS CAPABLE OF OPERATING WITHOUT A DRIVER ☐ YES ✓ NO	DRIVER PRESENT   ✓ YES NO	STREET					
-4-40	3LN6L5LU1HR638729	TEST DRIVER	1	DISCREPANCY IN PERCE	PTION			
5/15/18	VEHICLE IS CAPABLE OF OPERATING WITHOUT A DRIVER ☐ YES ☑ NO	DRIVER PRESENT	STREET					
- 110110	3LN6L5LU4HR637607	TEST DRIVER	0.70.77	DISCREPANCY IN PERCE	PTION			
5/18/18	VEHICLE IS CAPABLE OF OPERATING WITHOUT A DRIVER ☐ YES ✓ NO	DRIVER PRESENT   ✓ YES NO	STREET					
- /0.4 /4.0	3LN6L5LU3HR640854	TEST DRIVER		DISCREPANCY IN PLANN	ING			
5/24/18	VEHICLE IS CAPABLE OF OPERATING WITHOUT A DRIVER ☐ YES ✓ NO	DRIVER PRESENT   ✓ YES NO	STREET					
- /00 / 4 0	3LN6L5MU1HR637773	TEST DRIVER		IRREGULARITY IN HARDWARI				
	VEHICLE IS CAPABLE OF OPERATING WITHOUT A DRIVER YES NO	DRIVER PRESENT  YES NO	STREET					
	VEHICLE IS CAPABLE OF OPERATING WITHOUT A DRIVER YES NO	DRIVER PRESENT YES NO						

<sup>\*</sup> Additional information regarding the causes of the disengagement may be submitted as an attachment. If an attachment is provided, indicate the specific attachment number for the disengagement event.



SECTION	1 — MANUFACTURER IN	FORMATION			of the state of th			
NAME OF MANU				000 A - 3800 B 000 A D D ROOM DOOR THE HEAD SEE WEEKS	AVT N	имвек 034		
BUSINESS MAIL 330 GIBRA			SUNNYVALE	STAT CA	E ZIP 940	CODE 189	( 408 )645-7118	
SECTION	2 — DISENGAGEMENT E	VENT DETAIL Use	one row for each diseng	gagement event.				
DATE	VIN NUMBER	DISENGAGEMENT INITIATED BY (AV System, Test Driver, Remote Operator, or Passenger)	DISENGAGEMENT LOCATION (Interstate, Freeway, Highway, Rural Road, Street, or Parking Facility)	DESCRIPTION	OF FACTS CAUS	SING DISE	NGAGEMENT *	
	3LN6L5MU1HR637773	TEST DRIVER		IRREGULARITY IN AV SY	STEM			
6/1/18	VEHICLE IS CAPABLE OF OPERATING WITHOUT A DRIVER   ✓ YES NO	DRIVER PRESENT	STREET					
0/5/40	3LN6L5LU1HR638729	TEST DRIVER		DISCREPANCY IN PLANN	CREPANCY IN PLANNING			
6/5/18	VEHICLE IS CAPABLE OF OPERATING WITHOUT A DRIVER ☐ YES ✓ NO		STREET					
0740	3LN6L5LU4HR637607	AV SYSTEM		DISCREPANCY IN PLANN	ING			
6/7/18	VEHICLE IS CAPABLE OF OPERATING WITHOUT A DRIVER ☐ YES ✓ NO		STREET					
	3LN6L5LU3HR640854	TEST DRIVER		DISCREPANCY IN PERCE	PTION			
6/11/18	VEHICLE IS CAPABLE OF OPERATING WITHOUT A DRIVER ☐ YES ☑ NO		STREET					
	3LN6L5MU2HR654727	TEST DRIVER		IRREGULARITY IN HARDI	VARE			
6/13/18	VEHICLE IS CAPABLE OF OPERATING WITHOUT A DRIVER ☐ YES ☑ NO		STREET					
0/10/10	3LN6L5LU3HR640854	AV SYSTEM		DISCREPANCY IN PLANN	ING			
6/18/18	VEHICLE IS CAPABLE OF OPERATING WITHOUT A DRIVER ☐ YES ☑ NO		STREET					
0/04/40	3LN6L5LU4HR637607	TEST DRIVER		IRREGULARITY IN CONTR	ROL			
6/21/18	VEHICLE IS CAPABLE OF OPERATING DRIVER PRESENT STREET WITHOUT A DRIVER YES NO YES NO		STREET					
0/04/40	3LN6L5LU4HR637607 TEST DRIVER		0=0===	IRREGULARITY IN HARDI	VARE			
6/21/18	VEHICLE IS CAPABLE OF OPERATING WITHOUT A DRIVER ☐ YES ☑ NO		STREET					

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NAME OF MANUF					AVT NUMBER		
WERIDE CO					AVT034		
BUSINESS MAILIN 330 GIBRAL			SUNNYVALE	STATI CA	zip code <b>94089</b>	TELEPHONE NUMBER ( 408 )645-7118	
SECTION 2	— DISENGAGEMENT E	VENT DETAIL Use	one row for each diseng	gagement event.			
DATE	VIN NUMBER	DISENGAGEMENT INITIATED BY (AV System, Test Driver, Remote Operator, or Passenger)	DISENGAGEMENT LOCATION (Interstate, Freeway, Highway, Rural Road, Street, or Parking Facility)	DESCRIPTION	OF FACTS CAUSING DISE	ENGAGEMENT *	
2/05/4.0	3LN6L5LU1HR638729	TEST DRIVER		IRREGULARITY IN HARDV	VARE		
6/25/18	VEHICLE IS CAPABLE OF OPERATING WITHOUT A DRIVER ☐ YES ☑ NO	DRIVER PRESENT  ☑ YES ☐ NO	STREET				
2/07/40	3LN6L5MU2HR654727	TEST DRIVER		DISCREPANCY IN PERCEPTION			
6/27/18	VEHICLE IS CAPABLE OF OPERATING WITHOUT A DRIVER ☐ YES ✓ NO	DRIVER PRESENT  ☑ YES ☐ NO	STREET				
2/00/4.0	3LN6L5MU2HR654727	TEST DRIVER	STREET	DISCREPANCY IN PLANNI	NG		
6/28/18	VEHICLE IS CAPABLE OF OPERATING WITHOUT A DRIVER ☐ YES ✓ NO	DRIVER PRESENT   ✓ YES NO					
2/00/40	3LN6L5LU4HR637607	TEST DRIVER		DISCREPANCY IN PERCE	PTION		
6/28/18	VEHICLE IS CAPABLE OF OPERATING WITHOUT A DRIVER ☐ YES ☑ NO	DRIVER PRESENT	STREET				
	VEHICLE IS CAPABLE OF OPERATING WITHOUT A DRIVER YES NO	DRIVER PRESENT ☐ YES ☐ NO					
	VEHICLE IS CAPABLE OF OPERATING WITHOUT A DRIVER YES NO	DRIVER PRESENT  YES NO					
	VEHICLE IS CAPABLE OF OPERATING WITHOUT A DRIVER YES NO	DRIVER PRESENT					
	VEHICLE IS CAPABLE OF OPERATING WITHOUT A DRIVER YES NO	DRIVER PRESENT					

<sup>\*</sup> Additional information regarding the causes of the disengagement may be submitted as an attachment. If an attachment is provided, indicate the specific attachment number for the disengagement event.



SECTION '	1 — MANUFACTURER IN	FORMATION				
NAME OF MANU					AVT NUMBER AVT034	
BUSINESS MAIL 330 GIBRA			SUNNYVALE	STATE CA	ZIP CODE 94089	( 408 )645-7118
SECTION	2 — DISENGAGEMENT E	VENT DETAIL Use	one row for each disenç	gagement event.		
DATE	VIN NUMBER	DISENGAGEMENT INITIATED BY (AV System, Test Driver, Remote Operator, or Passenger)	DISENGAGEMENT LOCATION (Interstate, Freeway, Highway, Rural Road, Street, or Parking Facility)	DESCRIPTION	DF FACTS CAUSING DISE	NGAGEMENT *
7/7/10	3LN6L5LU4HR637607	TEST DRIVER	1	DISCREPANCY IN PERCE	PTION	
7/5/18	VEHICLE IS CAPABLE OF OPERATING WITHOUT A DRIVER ☐ YES ☑ NO	DRIVER PRESENT	STREET			
7/7/40	3LN6L5LU3HR640854	AV SYSTEM		IRREGULARITY IN AV SYSTEM		
7/7/18	VEHICLE IS CAPABLE OF OPERATING WITHOUT A DRIVER ☐ YES ✓ NO	DRIVER PRESENT   ✓ YES NO	STREET			
	3LN6L5MU2HR654727	TEST DRIVER		IRREGULARITY IN AV SYS	TEM	
7/11/18	VEHICLE IS CAPABLE OF OPERATING WITHOUT A DRIVER ☐ YES ✓ NO	DRIVER PRESENT  ✓ YES NO	STREET			
74040	3LN6L5MU2HR654727	TEST DRIVER		DISCREPANCY IN PLANNI	NG	
7/19/18	VEHICLE IS CAPABLE OF OPERATING WITHOUT A DRIVER ☐ YES ☑ NO	DRIVER PRESENT	STREET			
7/00/40	3LN6L5LU1HR638729	TEST DRIVER		DISCREPANCY IN PERCEP	PTION	
7/23/18	VEHICLE IS CAPABLE OF OPERATING WITHOUT A DRIVER ☐ YES ✓ NO	DRIVER PRESENT   ✓ YES NO	STREET			
7/00/40	3LN6L5LU3HR640854	TEST DRIVER		IRREGULARITY IN HARDW	/ARE	
7/26/18	VEHICLE IS CAPABLE OF OPERATING WITHOUT A DRIVER ☐ YES ✓ NO	DRIVER PRESENT	STREET			
7/27/18	3LN6L5MU2HR654727 TEST DRIVER			IRREGULARITY IN AV SYS	TEM	
VEHICLE IS CAPABLE OF OPERATING   DRIVER PR		DRIVER PRESENT	STREET			
	VEHICLE IS CAPABLE OF OPERATING WITHOUT A DRIVER YES NO	DRIVER PRESENT				

<sup>\*</sup> Additional information regarding the causes of the disengagement may be submitted as an attachment. If an attachment is provided, indicate the specific attachment number for the disengagement event.



WERIDE CO			OUTV		AVT034	
330 GIBRA			SUNNYVALE	STATE CA	ZIP CODE 94089	( 408 )645-7118
SECTION	2 — DISENGAGEMENT E	VENT DETAIL Use	one row for each diseng	gagement event.		
DATE	(AV System, Test Driver, Remote Operator, or Passenger) (Interstate, Freeway, Highw Road, Street, or Parking F			DESCRIPTION OF FACTS CAUSING DISENGAGEN		
0440	3LN6L5LU4HR637607	TEST DRIVER		DISCREPANCY IN PERCE	PTION	
8/1/18	VEHICLE IS CAPABLE OF OPERATING WITHOUT A DRIVER ☐ YES ☑ NO	DRIVER PRESENT	STREET			
0/40/40	3LN6L5MU2HR654727	TEST DRIVER		DISCREPANCY IN PLANNI	NG	
8/16/18	VEHICLE IS CAPABLE OF OPERATING WITHOUT A DRIVER ☐ YES ✓ NO	DRIVER PRESENT   ✓ YES NO	STREET			
0/00/40	3LN6L5LU4HR637607	TEST DRIVER	STREET	DISCREPANCY IN PLANNI	NG	
3/28/18	VEHICLE IS CAPABLE OF OPERATING WITHOUT A DRIVER YES NO	DRIVER PRESENT				
	VEHICLE IS CAPABLE OF OPERATING WITHOUT A DRIVER YES NO	DRIVER PRESENT YES NO				
	VEHICLE IS CAPABLE OF OPERATING	DRIVER PRESENT				
	WITHOUT A DRIVER YES NO	YES NO				
	VEHICLE IS CAPABLE OF OPERATING WITHOUT A DRIVER YES NO	DRIVER PRESENT YES NO				
	VEHICLE IS CAPABLE OF OPERATING WITHOUT A DRIVER YES NO	DRIVER PRESENT YES NO				
	VEHICLE IS CAPABLE OF OPERATING	DRIVER PRESENT				
	WITHOUT A DRIVER YES NO	YES NO				

<sup>\*</sup> Additional information regarding the causes of the disengagement may be submitted as an attachment. If an attachment is provided, indicate the specific attachment number for the disengagement event.



SECTION	1 — MANUFACTURER IN	FORMATION						
NAME OF MANU		AVT NUMBER AVT034						
BUSINESS MAIL 330 GIBRA			SUNNYVALE	STATE CA	ZIP CODE 94089	TELEPHONE NUMBER ( 408 )645-7118		
SECTION	2 — DISENGAGEMENT E	VENT DETAIL Use	one row for each disen	gagement event.				
DATE	VIN NUMBER	DISENGAGEMENT INITIATED BY (AV System, Test Driver, Remote Operator, or Passenger)	DISENGAGEMENT LOCATION (Interstate, Freeway, Highway, Rural Road, Street, or Parking Facility)	DESCRIPTION (	N OF FACTS CAUSING DISENGAGEMENT *			
	3LN6L5MU2HR654727	TEST DRIVER		DISCREPANCY IN PLANNI	NG			
10/3/18	VEHICLE IS CAPABLE OF OPERATING WITHOUT A DRIVER ☐ YES ☑ NO	DRIVER PRESENT  ☑ YES ☐ NO	STREET					
40/5/40	3LN6L5LU4HR637607	AV SYSTEM		IRREGULARITY IN AV SYS	TEM			
10/5/18	VEHICLE IS CAPABLE OF OPERATING WITHOUT A DRIVER ☐ YES ☑ NO	DRIVER PRESENT   ✓ YES NO	STREET					
10/11/18	3LN6L5MU1HR637773	TEST DRIVER		DISCREPANCY IN PLANNI	NG			
	VEHICLE IS CAPABLE OF OPERATING WITHOUT A DRIVER ✓ YES ☐ NO	DRIVER PRESENT  ✓ YES NO	STREET					
	3LN6L5LU1HR638729	TEST DRIVER		DISCREPANCY IN PLANNI	NG			
10/16/18	VEHICLE IS CAPABLE OF OPERATING WITHOUT A DRIVER ☐ YES ☑ NO	DRIVER PRESENT	STREET					
40/05/40	3LN6L5MU2HR654727	TEST DRIVER		DISCREPANCY IN PLANNI	NG			
10/25/18	VEHICLE IS CAPABLE OF OPERATING WITHOUT A DRIVER ☐ YES ✓ NO	DRIVER PRESENT	STREET					
					0			
	VEHICLE IS CAPABLE OF OPERATING WITHOUT A DRIVER YES NO	DRIVER PRESENT  YES NO						
	VEHICLE IS CAPABLE OF OPERATING	DRIVER PRESENT	_					
	WITHOUT A DRIVER YES NO	YES NO						
	VEHICLE IS CAPABLE OF OPERATING WITHOUT A DRIVER YES NO	DRIVER PRESENT						

<sup>\*</sup> Additional information regarding the causes of the disengagement may be submitted as an attachment. If an attachment is provided, indicate the specific attachment number for the disengagement event.



SECTION	1 — MANUFACTURER IN	FORMATION					
NAME OF MANU	ORP	AVT NUMBER AVT034					
BUSINESS MAIL 330 GIBRA		ZIP CODE 94089	TELEPHONE NUMBER ( 408 )645-7118				
SECTION	2 — DISENGAGEMENT E	VENT DETAIL Use	one row for each diseng	gagement event.			
DATE	VIN NUMBER	DISENGAGEMENT INITIATED BY (AV System, Test Driver, Remote Operator, or Passenger)	OF FACTS CAUSING DISENGAGEMENT *				
11/2/18	3LN6L5MU2HR654727	SAFETY DRIVER		DISCREPANCY IN PLANNIN	NG		
	VEHICLE IS CAPABLE OF OPERATING WITHOUT A DRIVER ☐ YES ✓ NO	DRIVER PRESENT  ✓ YES NO	STREET				
	3LN6L5LU4HR637607	SAFETY DRIVER		DISCREPANCY IN PERCEP	TION		
11/26/18	VEHICLE IS CAPABLE OF OPERATING WITHOUT A DRIVER ☐ YES ☑ NO	DRIVER PRESENT    ✓ YES NO	STREET				
	VEHICLE IS CAPABLE OF OPERATING WITHOUT A DRIVER YES NO	DRIVER PRESENT					
	VEHICLE IS CAPABLE OF OPERATING WITHOUT A DRIVER YES NO	DRIVER PRESENT YES NO					
	VEHICLE IS CAPABLE OF OPERATING WITHOUT A DRIVER YES NO	DRIVER PRESENT	_		-		
	VEHICLE IS CAPABLE OF OPERATING WITHOUT A DRIVER ☐ YES ☐ NO	DRIVER PRESENT  ☐ YES ☐ NO					
	VEHICLE IS CAPABLE OF OPERATING WITHOUT A DRIVER YES NO	DRIVER PRESENT ☐YES ☐ NO					
	VEHICLE IS CAPABLE OF OPERATING WITHOUT A DRIVER ☐ YES ☐ NO	DRIVER PRESENT ☐ YES ☐ NO					

<sup>\*</sup> Additional information regarding the causes of the disengagement may be submitted as an attachment. If an attachment is provided, indicate the specific attachment number for the disengagement event.

#### SECTION 3 — DISENGAGEMENT AND AV MILES SUMMARY PER VEHICLE Total Number of Miles Tested in Autonomous Mode (December $\frac{2017}{2017}$ to November $\frac{2017}{2017}$ ) **Annual Total of** VIN Number ANNUAL Disengagements September October November July August February March April May June December January TOTAL 206.7 402.7 2176,400 43 417.6 745.3 361.1 3LN6L5LU3HR640854 106 85.3 686.5999! 363.8 84.3 153.2 37 3LN6L5LU1HR638729 476.8000L 177.8 205.2 93.8 3LN6L5LU4HR637607 52.3 52.299999 3LN6L5MU2HR654727 3LN6L5MU1HR637773 SECTION 4 — ACKNOWLEDGMENT PRINTED NAME OF AUTHORIZED REPRESENTATIVE CHIEF TECHNOLOGY OFFICER YAN LI DATE SIGNED SIGNATURE 2/1/2019 STATE. ZIP CODE CITY STREET ADDRESS CA 94089 330 GIBRALTAR DR SUNNYVALE TELEPHONE NUMBER EMAIL ADDRESS FAX NUMBER 1 408 \ 645-7118 YAN.LI@WERIDE.AI

#### SECTION 3 — DISENGAGEMENT AND AV MILES SUMMARY PER VEHICLE

	Annual Total of Disengagements	Total Number of Miles Tested in Autonomous Mode (December 18 to November 18)												
VIN Number		December	January	February	March	April	May	June	July	August	September	October	November	ANNUAL
LN6L5LU3HR640854	20	203.1	3,16,1	178.3	422.3	292.6	431.8	335.8	336.1					2516.1
3LN6L5LU1HR638729	16	34.8	123,1	194.8	205.1	93.6	262.8	326.1	108.2	129.3		132.6		1610.4
3LN6L5LU4HR637607	22.	102.6	160.3	172.4	294.8	183.7	427.3	412.1	422.6	647.2	692.3	343.6	623.6	4482.5
3LN6L5MU2HR654727	24	77,9	208.1	351.3	263.1	283.4	242.8	532.6	1012.5	728.6	965.1	603.7	582.3	5851.4
3LN6L5MU1HR637773	7		122.7	82.6	108.6		148.1	123.1		238.1		257.2		1080.4
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#### SECTION 4 — ACKNOWLEDGMENT

PRINTED NAME OF AUTHORIZED REPRESENTATIVE YAN LI		CHIEF TECHNOLOGY OFFICER					
SIGNATURE X	DAT	E SIGNED 2/1/2019					
streetaddress 330 GIBRALTAR DR	CITY SUNNYVALE		TATE CA	zir code 94089			
email áddress YAN:LI@WERIDE.AI	FÁX (*		elephone number 408 ) 645-71				